



Environment Testing
TestAmerica

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ANALYTICAL REPORT

Eurofins TestAmerica, St. Louis
13715 Rider Trail North
Earth City, MO 63045
Tel: (314)298-8566

Laboratory Job ID: 160-37055-1

Client Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

For:

Wood E&I Solutions Inc
10940 White Rock Road Suite 190
Rancho Cordova, California 95670

Attn: Kent Parrish

Authorized for release by:

2/21/2020 2:46:04 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.



Jayna Awalt
Project Manager II
2/21/2020 2:46:04 PM

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Definitions/Glossary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Qualifiers

Metals

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Wood E&I Solutions Inc
Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Job ID: 160-37055-1

Laboratory: Eurofins TestAmerica, St. Louis

Narrative

CASE NARRATIVE

Client: Wood E&I Solutions Inc

Project: ACMS - Yerington OU-4b_OU-5_Soil

Report Number: 160-37055-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, St. Louis attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results for Chemistry analyses are reported on an ""as received"" basis unless otherwise indicated by the presence of a % solids value in the method header. All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client."

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt.

Manual Integrations were performed only when necessary and are in compliance with the laboratory's standard operating procedure. Detailed information can be found in the raw data section of the level IV report.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The samples were received on 1/23/2020 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 0.5° C, 0.6° C, 0.6° C, 0.6° C, 0.6° C and 0.7° C.

METALS (ICPMS)

Case Narrative

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Job ID: 160-37055-1 (Continued)

Laboratory: Eurofins TestAmerica, St. Louis (Continued)

Samples WRSB222_0-0.5 (160-37055-1), WRSB222_0.5-3 (160-37055-2), WRSB222-FD_0.5-3 (160-37055-3), WRSB222_3-6 (160-37055-4), WRSB222_6-15 (160-37055-5), WRSB212_0-0.5 (160-37055-6), WRSB212_0.5-3 (160-37055-7), WRSB212_3-6 (160-37055-8), WRSB212_6-15 (160-37055-9), WRSB230_0-0.5 (160-37055-10), WRSB230_0.5-3 (160-37055-11), WRSB230_3-6 (160-37055-12), WRSB230-FD_3-6 (160-37055-13), WRSB230_6-15 (160-37055-14), WRSB226_0-0.5 (160-37055-15), WRSB226_0.5-3 (160-37055-16), WRSB226_3-6 (160-37055-17), WRSB226_6-15 (160-37055-18), WRSB232_0-0.5 (160-37055-19), WRSB232_0.5-3 (160-37055-20), WRSB232_3-6 (160-37055-21), WRSB232_6-15 (160-37055-22), WRSB232-FD_6-15 (160-37055-23), WRSB236_0-0.5 (160-37055-24), WRSB236_0.5-3 (160-37055-25), WRSB236_3-6 (160-37055-26), WRSB236-FD_3-6 (160-37055-27), WRSB236_6-15 (160-37055-28), WRSB240_0-0.5 (160-37055-29), WRSB240-FD_0-0.5 (160-37055-30), WRSB240_0.5-3 (160-37055-31), WRSB240_3-6 (160-37055-32), WRSB240_6-15 (160-37055-33), WRSB206_0-0.5 (160-37055-34), WRSB206_0.5-3 (160-37055-35), WRSB206_3-6 (160-37055-36), WRSB206_6-15 (160-37055-37), WRSB206-FD_6-15 (160-37055-38), WRSB206_15-25 (160-37055-39), WRSB206_25-35 (160-37055-40), WRSB206_45-55 (160-37055-41), WRSB206_55-65 (160-37055-42), WRSB206_65-75 (160-37055-43), WRSB206_75-85 (160-37055-44), WRSB206_85-95 (160-37055-45), WRSB206_95-105 (160-37055-46), WRSB206_105-115 (160-37055-47), WRSB206_115-125 (160-37055-48), WRSB206-FD_115-125 (160-37055-49), WRSB206_35-45 (160-37055-50), WRSB224_0-0.5 (160-37055-51), WRSB224_0.5-3 (160-37055-52), WRSB224_3-6 (160-37055-53), WRSB224-FD_3-6 (160-37055-54), WRSB224_6-15 (160-37055-55), WRSB219_0-0.5 (160-37055-56), WRSB219_0.5-3 (160-37055-57), WRSB219_3-6 (160-37055-58), WRSB219_6-15 (160-37055-59), WRSB220_0-0.5 (160-37055-60), WRSB220_0.5-3 (160-37055-61), WRSB220_3-6 (160-37055-62), WRSB220-FD_3-6 (160-37055-63), WRSB220_6-15 (160-37055-64), WRSB231_0-0.5 (160-37055-65), WRSB231_0.5-3 (160-37055-66), WRSB231_3-6 (160-37055-67) and WRSB231_6-15 (160-37055-68) were analyzed for metals (ICPMS) in accordance with EPA SW-846 Methods 6020A. The samples were prepared on 02/18/2020 and analyzed on 02/19/2020 and 02/20/2020.

For ICPMS Metals, a 2X dilution was performed. This is a standard dilution that is performed by TestAmerica St. Louis on all samples analyzed by method SW-846 6020A. The dilution is performed in order to have the matrix of the samples (i.e. the concentration of acids) match the matrix of the standards used for calibration and instrument quality control purposes. The MDL studies analyzed by this method undergo the same 2X dilution, and all detection limits are based on this. As such, MDL's and RL's are not affected by the dilution.

The serial dilution performed for the following samples associated with batch preparation batch 160-460774 and analytical batch 160-461292 was outside control limits for Thorium indicating potential matrix interference: (160-37055-B-17-A SD)

The sample duplicate (DUP) precision for preparation batch 160-460775 and analytical batch 160-461293 was outside control limits for Thorium and Uranium. Sample matrix interference and/or non-homogeneity are suspected. WRSB232_3-6 (160-37055-21[DU])

The sample duplicate (DUP) precision for preparation batch 160-460777 and analytical batch 160-461293 was outside control limits for Uranium. Sample matrix interference and/or non-homogeneity are suspected. WRSB206_55-65 (160-37055-42[DU])

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS

Samples WRSB222_0-0.5 (160-37055-1), WRSB222_0.5-3 (160-37055-2), WRSB222-FD_0.5-3 (160-37055-3), WRSB222_3-6 (160-37055-4), WRSB222_6-15 (160-37055-5), WRSB212_0-0.5 (160-37055-6), WRSB212_0.5-3 (160-37055-7), WRSB212_3-6 (160-37055-8), WRSB212_6-15 (160-37055-9), WRSB230_0-0.5 (160-37055-10), WRSB230_0.5-3 (160-37055-11), WRSB230_3-6 (160-37055-12), WRSB230-FD_3-6 (160-37055-13), WRSB230_6-15 (160-37055-14), WRSB226_0-0.5 (160-37055-15), WRSB226_0.5-3 (160-37055-16), WRSB226_3-6 (160-37055-17), WRSB226_6-15 (160-37055-18), WRSB232_0-0.5 (160-37055-19), WRSB232_0.5-3 (160-37055-20), WRSB232_3-6 (160-37055-21), WRSB232_6-15 (160-37055-22), WRSB232-FD_6-15 (160-37055-23), WRSB236_0-0.5 (160-37055-24), WRSB236_0.5-3 (160-37055-25), WRSB236_3-6 (160-37055-26), WRSB236-FD_3-6 (160-37055-27), WRSB236_6-15 (160-37055-28), WRSB240_0-0.5 (160-37055-29), WRSB240-FD_0-0.5 (160-37055-30), WRSB240_0.5-3 (160-37055-31), WRSB240_3-6 (160-37055-32), WRSB240_6-15 (160-37055-33), WRSB206_0-0.5 (160-37055-34), WRSB206_0.5-3 (160-37055-35), WRSB206_3-6 (160-37055-36), WRSB206_6-15 (160-37055-37), WRSB206-FD_6-15 (160-37055-38), WRSB206_15-25 (160-37055-39), WRSB206_25-35 (160-37055-40), WRSB206_45-55 (160-37055-41), WRSB206_55-65 (160-37055-42), WRSB206_65-75 (160-37055-43), WRSB206_75-85 (160-37055-44), WRSB206_85-95 (160-37055-45), WRSB206_95-105 (160-37055-46), WRSB206_105-115 (160-37055-47), WRSB206_115-125 (160-37055-48), WRSB206-FD_115-125 (160-37055-49), WRSB206_35-45 (160-37055-50), WRSB224_0-0.5 (160-37055-51), WRSB224_0.5-3 (160-37055-52), WRSB224_3-6 (160-37055-53), WRSB224-FD_3-6 (160-37055-54), WRSB224_6-15 (160-37055-55), WRSB219_0-0.5 (160-37055-56), WRSB219_0.5-3 (160-37055-57), WRSB219_3-6 (160-37055-58), WRSB219_6-15 (160-37055-59), WRSB220_0-0.5 (160-37055-60), WRSB220_0.5-3 (160-37055-61), WRSB220_3-6 (160-37055-62), WRSB220-FD_3-6 (160-37055-63), WRSB220_6-15 (160-37055-64), WRSB231_0-0.5 (160-37055-65),

Case Narrative

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Job ID: 160-37055-1 (Continued)

Laboratory: Eurofins TestAmerica, St. Louis (Continued)

WRSB231_0.5-3 (160-37055-66), WRSB231_3-6 (160-37055-67) and WRSB231_6-15 (160-37055-68) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 01/27/2020 and 01/28/2020.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

RADIUM-226 BY GAMMA SPEC (21 DAY INGROWTH)

Samples WRSB222_0-0.5 (160-37055-1), WRSB222_0.5-3 (160-37055-2), WRSB222-FD_0.5-3 (160-37055-3), WRSB222_3-6 (160-37055-4), WRSB222_6-15 (160-37055-5), WRSB212_0-0.5 (160-37055-6), WRSB212_0.5-3 (160-37055-7), WRSB212_3-6 (160-37055-8), WRSB212_6-15 (160-37055-9), WRSB230_0-0.5 (160-37055-10), WRSB230_0.5-3 (160-37055-11), WRSB230_3-6 (160-37055-12), WRSB230-FD_3-6 (160-37055-13), WRSB230_6-15 (160-37055-14), WRSB226_0-0.5 (160-37055-15), WRSB226_0.5-3 (160-37055-16), WRSB226_3-6 (160-37055-17), WRSB226_6-15 (160-37055-18), WRSB232_0-0.5 (160-37055-19), WRSB232_0.5-3 (160-37055-20), WRSB232_3-6 (160-37055-21), WRSB232_6-15 (160-37055-22), WRSB232-FD_6-15 (160-37055-23), WRSB236_0-0.5 (160-37055-24), WRSB236_0.5-3 (160-37055-25), WRSB236_3-6 (160-37055-26), WRSB236-FD_3-6 (160-37055-27), WRSB236_6-15 (160-37055-28), WRSB240_0-0.5 (160-37055-29), WRSB240-FD_0-0.5 (160-37055-30), WRSB240_0.5-3 (160-37055-31), WRSB240_3-6 (160-37055-32), WRSB240_6-15 (160-37055-33), WRSB206_0-0.5 (160-37055-34), WRSB206_0.5-3 (160-37055-35), WRSB206_3-6 (160-37055-36), WRSB206_6-15 (160-37055-37), WRSB206-FD_6-15 (160-37055-38), WRSB206_15-25 (160-37055-39), WRSB206_25-35 (160-37055-40), WRSB206_45-55 (160-37055-41), WRSB206_55-65 (160-37055-42), WRSB206_65-75 (160-37055-43), WRSB206_75-85 (160-37055-44), WRSB206_85-95 (160-37055-45), WRSB206_95-105 (160-37055-46), WRSB206_105-115 (160-37055-47), WRSB206_115-125 (160-37055-48), WRSB206-FD_115-125 (160-37055-49), WRSB206_35-45 (160-37055-50), WRSB224_0-0.5 (160-37055-51), WRSB224_0.5-3 (160-37055-52), WRSB224_3-6 (160-37055-53), WRSB224-FD_3-6 (160-37055-54), WRSB224_6-15 (160-37055-55), WRSB219_0-0.5 (160-37055-56), WRSB219_0.5-3 (160-37055-57), WRSB219_3-6 (160-37055-58), WRSB219_6-15 (160-37055-59), WRSB220_0-0.5 (160-37055-60), WRSB220_0.5-3 (160-37055-61), WRSB220_3-6 (160-37055-62), WRSB220-FD_3-6 (160-37055-63), WRSB220_6-15 (160-37055-64), WRSB231_0-0.5 (160-37055-65), WRSB231_0.5-3 (160-37055-66), WRSB231_3-6 (160-37055-67) and WRSB231_6-15 (160-37055-68) were analyzed for Radium-226 by gamma spec (21 day ingrowth) in accordance with EPA 901.1. The samples were dried on 01/24/2020, prepared on 01/27/2020 and analyzed on 02/17/2020 and 02/18/2020.

Many isotopes requested for analysis do not have any gamma emissions, or the gamma emissions they do have are very poor. Often, such analytes are reported by gamma spectrometry assuming secular equilibrium with a longer-lived parent. The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred from Reported to Analyte

Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-108m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Case Narrative

Client: Wood E&I Solutions Inc
Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Job ID: 160-37055-1 (Continued)

Laboratory: Eurofins TestAmerica, St. Louis (Continued)

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Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB222_0-0.5

Lab Sample ID: 160-37055-1

Date Collected: 01/15/20 10:37

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.58		0.280	0.324	1.00	0.215	pCi/g	01/27/20 15:58	02/17/20 06:42	1
Radium-228	1.81		0.283	0.338	1.00	0.126	pCi/g	01/27/20 15:58	02/17/20 06:42	1

Client Sample ID: WRSB222_0-0.5

Lab Sample ID: 160-37055-1

Date Collected: 01/15/20 10:37

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	12		0.19	0.086	mg/Kg	⊗	02/18/20 10:13	02/19/20 19:53	2
Uranium	4.4		0.096	0.038	mg/Kg	⊗	02/18/20 10:13	02/19/20 19:53	2

Client Sample ID: WRSB222_0.5-3

Lab Sample ID: 160-37055-2

Date Collected: 01/15/20 10:42

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.51		0.275	0.317	1.00	0.206	pCi/g	01/27/20 15:58	02/17/20 06:43	1
Radium-228	1.49		0.428	0.455	1.00	0.390	pCi/g	01/27/20 15:58	02/17/20 06:43	1

Client Sample ID: WRSB222_0.5-3

Lab Sample ID: 160-37055-2

Date Collected: 01/15/20 10:42

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	10		0.20	0.092	mg/Kg	⊗	02/18/20 10:13	02/19/20 20:00	2
Uranium	3.4		0.10	0.041	mg/Kg	⊗	02/18/20 10:13	02/19/20 20:00	2

Client Sample ID: WRSB222-FD_0.5-3

Lab Sample ID: 160-37055-3

Date Collected: 01/15/20 10:44

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.76		0.284	0.349	1.00	0.210	pCi/g	01/27/20 15:58	02/17/20 06:44	1
Radium-228	2.00		0.352	0.420	1.00	0.197	pCi/g	01/27/20 15:58	02/17/20 06:44	1

Client Sample ID: WRSB222-FD_0.5-3

Lab Sample ID: 160-37055-3

Date Collected: 01/15/20 10:44

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	12		0.21	0.093	mg/Kg	⊗	02/18/20 10:13	02/19/20 20:07	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB222-FD_0.5-3

Date Collected: 01/15/20 10:44
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-3

Matrix: Solid

Percent Solids: 95.6

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	2.7		0.10	0.041	mg/Kg	⌚	02/18/20 10:13	02/19/20 20:07	2

Client Sample ID: WRSB222_3-6

Date Collected: 01/15/20 10:54
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-4

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.43		0.223	0.268	1.00	0.160	pCi/g	01/27/20 15:58	02/17/20 07:11	1
Radium-228	1.32		0.226	0.263	1.00	0.0749	pCi/g	01/27/20 15:58	02/17/20 07:11	1

Client Sample ID: WRSB222_3-6

Date Collected: 01/15/20 10:54
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-4

Matrix: Solid

Percent Solids: 94.6

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	8.5		0.21	0.093	mg/Kg	⌚	02/18/20 10:13	02/19/20 20:13	2
Uranium	2.7		0.10	0.041	mg/Kg	⌚	02/18/20 10:13	02/19/20 20:13	2

Client Sample ID: WRSB222_6-15

Date Collected: 01/15/20 11:00
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-5

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.74		0.253	0.309	1.00	0.187	pCi/g	01/27/20 15:58	02/17/20 07:13	1
Radium-228	1.35		0.248	0.283	1.00	0.195	pCi/g	01/27/20 15:58	02/17/20 07:13	1

Client Sample ID: WRSB222_6-15

Date Collected: 01/15/20 11:00
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-5

Matrix: Solid

Percent Solids: 95.7

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	8.3		0.19	0.084	mg/Kg	⌚	02/18/20 10:13	02/19/20 20:20	2
Uranium	3.7		0.093	0.037	mg/Kg	⌚	02/18/20 10:13	02/19/20 20:20	2

Client Sample ID: WRSB212_0-0.5

Date Collected: 01/15/20 12:18
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-6

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.67		0.284	0.333	1.00	0.207	pCi/g	01/27/20 15:58	02/17/20 07:14	1
Radium-228	1.61		0.488	0.515	1.00	0.441	pCi/g	01/27/20 15:58	02/17/20 07:14	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB212_0-0.5

Date Collected: 01/15/20 12:18
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-6

Matrix: Solid

Percent Solids: 94.6

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	7.7		0.18	0.080	mg/Kg	⊗	02/18/20 10:13	02/19/20 20:54	2
Uranium	1.4		0.089	0.036	mg/Kg	⊗	02/18/20 10:13	02/19/20 20:54	2

Client Sample ID: WRSB212_0.5-3

Date Collected: 01/15/20 12:26
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-7

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.920		0.250	0.268	1.00	0.348	pCi/g	01/27/20 15:58	02/17/20 07:16	1
Radium-228	1.64		0.318	0.359	1.00	0.246	pCi/g	01/27/20 15:58	02/17/20 07:16	1

Client Sample ID: WRSB212_0.5-3

Date Collected: 01/15/20 12:26
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-7

Matrix: Solid

Percent Solids: 94.9

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	7.6		0.19	0.087	mg/Kg	⊗	02/18/20 10:13	02/19/20 21:20	2
Uranium	1.2		0.097	0.039	mg/Kg	⊗	02/18/20 10:13	02/19/20 21:20	2

Client Sample ID: WRSB212_3-6

Date Collected: 01/15/20 12:29
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-8

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.56		0.243	0.302	1.00	0.220	pCi/g	01/27/20 15:58	02/17/20 07:16	1
Radium-228	2.14		0.410	0.478	1.00	0.259	pCi/g	01/27/20 15:58	02/17/20 07:16	1

Client Sample ID: WRSB212_3-6

Date Collected: 01/15/20 12:29
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-8

Matrix: Solid

Percent Solids: 94.8

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	10		0.20	0.092	mg/Kg	⊗	02/18/20 10:13	02/19/20 21:27	2
Uranium	1.4		0.10	0.041	mg/Kg	⊗	02/18/20 10:13	02/19/20 21:27	2

Client Sample ID: WRSB212_6-15

Date Collected: 01/15/20 12:41
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-9

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.43		0.261	0.299	1.00	0.200	pCi/g	01/27/20 15:58	02/17/20 07:47	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB212_6-15

Lab Sample ID: 160-37055-9

Date Collected: 01/15/20 12:41

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS) (Continued)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-228	2.21		0.348	0.413	1.00	0.281	pCi/g	01/27/20 15:58	02/17/20 07:47	1

Client Sample ID: WRSB212_6-15

Lab Sample ID: 160-37055-9

Date Collected: 01/15/20 12:41

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.6

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	8.0		0.20	0.091	mg/Kg	✉	02/18/20 10:13	02/19/20 21:34	2
Uranium	1.3		0.10	0.040	mg/Kg	✉	02/18/20 10:13	02/19/20 21:34	2

Client Sample ID: WRSB230_0-0.5

Lab Sample ID: 160-37055-10

Date Collected: 01/16/20 09:26

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.29		0.207	0.247	1.00	0.137	pCi/g	01/27/20 15:58	02/17/20 07:49	1
Radium-228	1.64		0.300	0.344	1.00	0.198	pCi/g	01/27/20 15:58	02/17/20 07:49	1

Client Sample ID: WRSB230_0-0.5

Lab Sample ID: 160-37055-10

Date Collected: 01/16/20 09:26

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.4

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	8.0		0.20	0.089	mg/Kg	✉	02/18/20 10:13	02/19/20 21:41	2
Uranium	1.1		0.098	0.039	mg/Kg	✉	02/18/20 10:13	02/19/20 21:41	2

Client Sample ID: WRSB230_0.5-3

Lab Sample ID: 160-37055-11

Date Collected: 01/16/20 09:30

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.4

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.13		0.230	0.259	1.00	0.174	pCi/g	01/27/20 15:58	02/17/20 07:50	1
Radium-228	1.03		0.345	0.361	1.00	0.328	pCi/g	01/27/20 15:58	02/17/20 07:50	1

Client Sample ID: WRSB230_0.5-3

Lab Sample ID: 160-37055-11

Date Collected: 01/16/20 09:30

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.8

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	7.1		0.19	0.086	mg/Kg	✉	02/18/20 10:13	02/19/20 21:47	2
Uranium	1.2		0.096	0.038	mg/Kg	✉	02/18/20 10:13	02/19/20 21:47	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB230_3-6

Lab Sample ID: 160-37055-12

Date Collected: 01/16/20 09:40

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.40		0.288	0.331	1.00	0.228	pCi/g	01/27/20 15:58	02/17/20 07:47	1
Radium-228	1.60		0.317	0.367	1.00	0.255	pCi/g	01/27/20 15:58	02/17/20 07:47	1

Client Sample ID: WRSB230_3-6

Lab Sample ID: 160-37055-12

Date Collected: 01/16/20 09:40

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.7

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	8.7		0.21	0.093	mg/Kg	⊗	02/18/20 10:13	02/19/20 21:54	2
Uranium	1.3		0.10	0.041	mg/Kg	⊗	02/18/20 10:13	02/19/20 21:54	2

Client Sample ID: WRSB230-FD_3-6

Lab Sample ID: 160-37055-13

Date Collected: 01/16/20 09:42

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.7

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	0.985		0.142	0.175	1.00	0.0960	pCi/g	01/27/20 15:58	02/17/20 08:17	1
Radium-228	1.14		0.185	0.218	1.00	0.157	pCi/g	01/27/20 15:58	02/17/20 08:17	1

Client Sample ID: WRSB230-FD_3-6

Lab Sample ID: 160-37055-13

Date Collected: 01/16/20 09:42

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	5.2		0.18	0.083	mg/Kg	⊗	02/18/20 10:13	02/19/20 22:01	2
Uranium	0.98		0.092	0.037	mg/Kg	⊗	02/18/20 10:13	02/19/20 22:01	2

Client Sample ID: WRSB230_6-15

Lab Sample ID: 160-37055-14

Date Collected: 01/16/20 09:46

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.5

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.33		0.229	0.266	1.00	0.174	pCi/g	01/27/20 15:58	02/17/20 08:20	1
Radium-228	1.60		0.246	0.295	1.00	0.230	pCi/g	01/27/20 15:58	02/17/20 08:20	1

Client Sample ID: WRSB230_6-15

Lab Sample ID: 160-37055-14

Date Collected: 01/16/20 09:46

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.0

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	12		0.19	0.086	mg/Kg	⊗	02/18/20 10:13	02/19/20 22:08	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB230_6-15

Lab Sample ID: 160-37055-14

Date Collected: 01/16/20 09:46

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.0

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	1.6		0.095	0.038	mg/Kg	⌚	02/18/20 10:13	02/19/20 22:08	2

Client Sample ID: WRSB226_0-0.5

Lab Sample ID: 160-37055-15

Date Collected: 01/17/20 09:27

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.21		0.247	0.277	1.00	0.200	pCi/g	01/27/20 15:58	02/17/20 08:23	1
Radium-228	1.42		0.265	0.302	1.00	0.251	pCi/g	01/27/20 15:58	02/17/20 08:23	1

Client Sample ID: WRSB226_0-0.5

Lab Sample ID: 160-37055-15

Date Collected: 01/17/20 09:27

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	6.4		0.21	0.093	mg/Kg	⌚	02/18/20 10:13	02/19/20 22:14	2
Uranium	1.2		0.10	0.041	mg/Kg	⌚	02/18/20 10:13	02/19/20 22:14	2

Client Sample ID: WRSB226_0.5-3

Lab Sample ID: 160-37055-16

Date Collected: 01/17/20 09:35

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.31		0.224	0.262	1.00	0.156	pCi/g	01/27/20 15:58	02/17/20 08:23	1
Radium-228	0.576		0.312	0.317	1.00	0.330	pCi/g	01/27/20 15:58	02/17/20 08:23	1

Client Sample ID: WRSB226_0.5-3

Lab Sample ID: 160-37055-16

Date Collected: 01/17/20 09:35

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	5.7		0.19	0.084	mg/Kg	⌚	02/18/20 10:15	02/19/20 22:21	2
Uranium	1.2		0.093	0.037	mg/Kg	⌚	02/18/20 10:15	02/19/20 22:21	2

Client Sample ID: WRSB226_3-6

Lab Sample ID: 160-37055-17

Date Collected: 01/17/20 09:42

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.51		0.287	0.335	1.00	0.218	pCi/g	01/27/20 15:58	02/17/20 08:21	1
Radium-228	1.74		0.362	0.414	1.00	0.302	pCi/g	01/27/20 15:58	02/17/20 08:21	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB226_3-6

Date Collected: 01/17/20 09:42
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-17

Matrix: Solid

Percent Solids: 95.2

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	6.3		0.19	0.085	mg/Kg	⌚	02/18/20 10:21	02/19/20 23:28	2
Uranium	1.1		0.095	0.038	mg/Kg	⌚	02/18/20 10:21	02/19/20 23:28	2

Client Sample ID: WRSB226_6-15

Date Collected: 01/17/20 09:48
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-18

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.32		0.231	0.269	1.00	0.185	pCi/g	01/27/20 15:58	02/17/20 08:22	1
Radium-228	1.42		0.228	0.270	1.00	0.217	pCi/g	01/27/20 15:58	02/17/20 08:22	1

Client Sample ID: WRSB226_6-15

Date Collected: 01/17/20 09:48
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-18

Matrix: Solid

Percent Solids: 94.3

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	7.2		0.19	0.084	mg/Kg	⌚	02/18/20 10:16	02/19/20 22:48	2
Uranium	1.1		0.093	0.037	mg/Kg	⌚	02/18/20 10:16	02/19/20 22:48	2

Client Sample ID: WRSB232_0-0.5

Date Collected: 01/17/20 10:40
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-19

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.41		0.243	0.284	1.00	0.167	pCi/g	01/27/20 17:17	02/17/20 08:56	1
Radium-228	1.20		0.287	0.312	1.00	0.124	pCi/g	01/27/20 17:17	02/17/20 08:56	1

Client Sample ID: WRSB232_0-0.5

Date Collected: 01/17/20 10:40
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-19

Matrix: Solid

Percent Solids: 94.3

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	7.7		0.20	0.088	mg/Kg	⌚	02/18/20 10:16	02/19/20 22:55	2
Uranium	1.5		0.098	0.039	mg/Kg	⌚	02/18/20 10:16	02/19/20 22:55	2

Client Sample ID: WRSB232_0.5-3

Date Collected: 01/17/20 10:43
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-20

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.53		0.230	0.279	1.00	0.139	pCi/g	01/27/20 17:17	02/17/20 08:56	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB232_0.5-3

Lab Sample ID: 160-37055-20

Matrix: Solid

Date Collected: 01/17/20 10:43
 Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS) (Continued)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	1.25		0.405	0.424	1.00	0.386	pCi/g	01/27/20 17:17	02/17/20 08:56	1

Client Sample ID: WRSB232_0.5-3

Lab Sample ID: 160-37055-20

Matrix: Solid

Date Collected: 01/17/20 10:43
 Date Received: 01/23/20 09:00

Percent Solids: 94.8

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	6.4		0.21	0.094	mg/Kg	✉	02/18/20 10:16	02/19/20 23:01	2
Uranium	1.4		0.10	0.042	mg/Kg	✉	02/18/20 10:16	02/19/20 23:01	2

Client Sample ID: WRSB232_3-6

Lab Sample ID: 160-37055-21

Matrix: Solid

Date Collected: 01/17/20 10:46
 Date Received: 01/23/20 09:00

Percent Solids: 94.8

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.26		0.208	0.246	1.00	0.154	pCi/g	01/27/20 17:17	02/17/20 08:50	1
Radium-228	1.64		0.289	0.334	1.00	0.180	pCi/g	01/27/20 17:17	02/17/20 08:50	1

Client Sample ID: WRSB232_3-6

Lab Sample ID: 160-37055-21

Matrix: Solid

Date Collected: 01/17/20 10:46
 Date Received: 01/23/20 09:00

Percent Solids: 94.7

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	12		0.20	0.089	mg/Kg	✉	02/18/20 10:24	02/20/20 06:12	2
Uranium	1.8		0.099	0.039	mg/Kg	✉	02/18/20 10:24	02/20/20 06:12	2

Client Sample ID: WRSB232_6-15

Lab Sample ID: 160-37055-22

Matrix: Solid

Date Collected: 01/17/20 10:50
 Date Received: 01/23/20 09:00

Percent Solids: 94.7

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.32		0.193	0.237	1.00	0.135	pCi/g	01/27/20 17:17	02/17/20 08:53	1
Radium-228	1.61		0.273	0.319	1.00	0.132	pCi/g	01/27/20 17:17	02/17/20 08:53	1

Client Sample ID: WRSB232_6-15

Lab Sample ID: 160-37055-22

Matrix: Solid

Date Collected: 01/17/20 10:50
 Date Received: 01/23/20 09:00

Percent Solids: 94.6

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	7.2		0.20	0.089	mg/Kg	✉	02/18/20 10:21	02/20/20 00:22	2
Uranium	1.2		0.099	0.040	mg/Kg	✉	02/18/20 10:21	02/20/20 00:22	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB232-FD_6-15

Lab Sample ID: 160-37055-23

Date Collected: 01/17/20 10:52

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.34		0.229	0.268	1.00	0.174	pCi/g	01/27/20 17:17	02/17/20 08:55	1
Radium-228	1.60		0.337	0.374	1.00	0.293	pCi/g	01/27/20 17:17	02/17/20 08:55	1

Client Sample ID: WRSB232-FD_6-15

Lab Sample ID: 160-37055-23

Date Collected: 01/17/20 10:52

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	6.0		0.18	0.083	mg/Kg	⊗	02/18/20 10:21	02/20/20 00:29	2
Uranium	1.1		0.092	0.037	mg/Kg	⊗	02/18/20 10:21	02/20/20 00:29	2

Client Sample ID: WRSB236_0-0.5

Lab Sample ID: 160-37055-24

Date Collected: 01/20/20 14:14

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.26		0.235	0.276	1.00	0.180	pCi/g	01/27/20 17:17	02/17/20 08:52	1
Radium-228	1.54		0.300	0.348	1.00	0.219	pCi/g	01/27/20 17:17	02/17/20 08:52	1

Client Sample ID: WRSB236_0-0.5

Lab Sample ID: 160-37055-24

Date Collected: 01/20/20 14:14

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	5.5		0.19	0.087	mg/Kg	⊗	02/18/20 10:21	02/20/20 00:36	2
Uranium	1.3		0.096	0.038	mg/Kg	⊗	02/18/20 10:21	02/20/20 00:36	2

Client Sample ID: WRSB236_0.5-3

Lab Sample ID: 160-37055-25

Date Collected: 01/20/20 14:18

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.36		0.207	0.249	1.00	0.145	pCi/g	01/27/20 17:17	02/17/20 09:33	1
Radium-228	1.40		0.240	0.279	1.00	0.211	pCi/g	01/27/20 17:17	02/17/20 09:33	1

Client Sample ID: WRSB236_0.5-3

Lab Sample ID: 160-37055-25

Date Collected: 01/20/20 14:18

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	4.7		0.18	0.079	mg/Kg	⊗	02/18/20 10:21	02/20/20 00:42	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB236_0.5-3

Lab Sample ID: 160-37055-25

Date Collected: 01/20/20 14:18

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 96.4

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	1.0		0.088	0.035	mg/Kg	⌚	02/18/20 10:21	02/20/20 00:42	2

Client Sample ID: WRSB236_3-6

Lab Sample ID: 160-37055-26

Date Collected: 01/20/20 14:25

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.09		0.218	0.246	1.00	0.164	pCi/g	01/27/20 17:17	02/17/20 09:38	1
Radium-228	1.04		0.261	0.282	1.00	0.221	pCi/g	01/27/20 17:17	02/17/20 09:38	1

Client Sample ID: WRSB236_3-6

Lab Sample ID: 160-37055-26

Date Collected: 01/20/20 14:25

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	5.3		0.20	0.088	mg/Kg	⌚	02/18/20 10:21	02/20/20 00:49	2
Uranium	1.1		0.098	0.039	mg/Kg	⌚	02/18/20 10:21	02/20/20 00:49	2

Client Sample ID: WRSB236-FD_3-6

Lab Sample ID: 160-37055-27

Date Collected: 01/20/20 14:27

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.988		0.259	0.278	1.00	0.227	pCi/g	01/27/20 17:17	02/17/20 09:39	1
Radium-228	1.29		0.319	0.345	1.00	0.221	pCi/g	01/27/20 17:17	02/17/20 09:39	1

Client Sample ID: WRSB236-FD_3-6

Lab Sample ID: 160-37055-27

Date Collected: 01/20/20 14:27

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	6.4		0.20	0.090	mg/Kg	⌚	02/18/20 10:21	02/20/20 00:56	2
Uranium	1.3		0.10	0.040	mg/Kg	⌚	02/18/20 10:21	02/20/20 00:56	2

Client Sample ID: WRSB236_6-15

Lab Sample ID: 160-37055-28

Date Collected: 01/20/20 14:33

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.984		0.173	0.201	1.00	0.133	pCi/g	01/27/20 17:17	02/17/20 09:34	1
Radium-228	1.16		0.223	0.253	1.00	0.225	pCi/g	01/27/20 17:17	02/17/20 09:34	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB236_6-15

Lab Sample ID: 160-37055-28

Date Collected: 01/20/20 14:33

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 96.3

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	5.8		0.20	0.088	mg/Kg	⌚	02/18/20 10:21	02/20/20 01:02	2
Uranium	1.3		0.098	0.039	mg/Kg	⌚	02/18/20 10:21	02/20/20 01:02	2

Client Sample ID: WRSB240_0-0.5

Lab Sample ID: 160-37055-29

Date Collected: 01/21/20 08:13

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.12		0.205	0.236	1.00	0.162	pCi/g	01/27/20 17:17	02/17/20 09:35	1
Radium-228	1.25		0.223	0.257	1.00	0.183	pCi/g	01/27/20 17:17	02/17/20 09:35	1

Client Sample ID: WRSB240_0-0.5

Lab Sample ID: 160-37055-29

Date Collected: 01/21/20 08:13

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	5.5		0.19	0.087	mg/Kg	⌚	02/18/20 10:21	02/20/20 01:09	2
Uranium	0.99		0.097	0.039	mg/Kg	⌚	02/18/20 10:21	02/20/20 01:09	2

Client Sample ID: WRSB240-FD_0-0.5

Lab Sample ID: 160-37055-30

Date Collected: 01/21/20 08:15

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.19		0.190	0.227	1.00	0.126	pCi/g	01/27/20 17:17	02/17/20 09:37	1
Radium-228	1.17		0.227	0.256	1.00	0.129	pCi/g	01/27/20 17:17	02/17/20 09:37	1

Client Sample ID: WRSB240-FD_0-0.5

Lab Sample ID: 160-37055-30

Date Collected: 01/21/20 08:15

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	6.8		0.20	0.091	mg/Kg	⌚	02/18/20 10:21	02/20/20 01:16	2
Uranium	1.3		0.10	0.041	mg/Kg	⌚	02/18/20 10:21	02/20/20 01:16	2

Client Sample ID: WRSB240_0.5-3

Lab Sample ID: 160-37055-31

Date Collected: 01/21/20 08:21

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.39		0.238	0.287	1.00	0.179	pCi/g	01/27/20 17:17	02/17/20 09:37	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB240_0.5-3

Lab Sample ID: 160-37055-31

Matrix: Solid

Date Collected: 01/21/20 08:21
 Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS) (Continued)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	1.48		0.334	0.375	1.00	0.472	pCi/g	01/27/20 17:17	02/17/20 09:37	1

Client Sample ID: WRSB240_0.5-3

Lab Sample ID: 160-37055-31

Matrix: Solid

Date Collected: 01/21/20 08:21
 Date Received: 01/23/20 09:00

Percent Solids: 96.3

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	8.5		0.19	0.087	mg/Kg	✉	02/18/20 10:21	02/20/20 01:43	2
Uranium	1.8		0.097	0.039	mg/Kg	✉	02/18/20 10:21	02/20/20 01:43	2

Client Sample ID: WRSB240_3-6

Lab Sample ID: 160-37055-32

Matrix: Solid

Date Collected: 01/21/20 08:26
 Date Received: 01/23/20 09:00

Percent Solids: 96.3

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.13		0.168	0.204	1.00	0.113	pCi/g	01/27/20 17:17	02/17/20 10:15	1
Radium-228	1.02		0.194	0.220	1.00	0.181	pCi/g	01/27/20 17:17	02/17/20 10:15	1

Client Sample ID: WRSB240_3-6

Lab Sample ID: 160-37055-32

Matrix: Solid

Date Collected: 01/21/20 08:26
 Date Received: 01/23/20 09:00

Percent Solids: 96.3

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	7.8		0.19	0.087	mg/Kg	✉	02/18/20 10:21	02/20/20 01:49	2
Uranium	2.0		0.097	0.039	mg/Kg	✉	02/18/20 10:21	02/20/20 01:49	2

Client Sample ID: WRSB240_6-15

Lab Sample ID: 160-37055-33

Matrix: Solid

Date Collected: 01/21/20 08:32
 Date Received: 01/23/20 09:00

Percent Solids: 96.3

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.34		0.195	0.238	1.00	0.166	pCi/g	01/27/20 17:17	02/17/20 10:16	1
Radium-228	1.34		0.215	0.254	1.00	0.0860	pCi/g	01/27/20 17:17	02/17/20 10:16	1

Client Sample ID: WRSB240_6-15

Lab Sample ID: 160-37055-33

Matrix: Solid

Date Collected: 01/21/20 08:32
 Date Received: 01/23/20 09:00

Percent Solids: 95.9

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	9.8		0.18	0.082	mg/Kg	✉	02/18/20 10:21	02/20/20 01:56	2
Uranium	2.0		0.091	0.037	mg/Kg	✉	02/18/20 10:21	02/20/20 01:56	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB206_0-0.5

Lab Sample ID: 160-37055-34

Date Collected: 01/21/20 10:48

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.82		0.219	0.289	1.00	0.126	pCi/g	01/27/20 17:17	02/17/20 10:17	1
Radium-228	1.25		0.217	0.252	1.00	0.203	pCi/g	01/27/20 17:17	02/17/20 10:17	1

Client Sample ID: WRSB206_0-0.5

Lab Sample ID: 160-37055-34

Date Collected: 01/21/20 10:48

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.4

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	8.1		0.20	0.089	mg/Kg	⊗	02/18/20 10:21	02/20/20 02:03	2
Uranium	18		0.099	0.040	mg/Kg	⊗	02/18/20 10:21	02/20/20 02:03	2

Client Sample ID: WRSB206_0.5-3

Lab Sample ID: 160-37055-35

Date Collected: 01/21/20 10:58

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.4

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	8.32		0.427	0.965	1.00	0.211	pCi/g	01/27/20 17:17	02/17/20 10:18	1
Radium-228	0.791		0.441	0.448	1.00	0.461	pCi/g	01/27/20 17:17	02/17/20 10:18	1

Client Sample ID: WRSB206_0.5-3

Lab Sample ID: 160-37055-35

Date Collected: 01/21/20 10:58

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 92.9

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	5.6		0.18	0.083	mg/Kg	⊗	02/18/20 10:21	02/20/20 02:10	2
Uranium	14		0.092	0.037	mg/Kg	⊗	02/18/20 10:21	02/20/20 02:10	2

Client Sample ID: WRSB206_3-6

Lab Sample ID: 160-37055-36

Date Collected: 01/21/20 11:05

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 92.9

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	9.92		0.474	1.13	1.00	0.321	pCi/g	01/27/20 17:17	02/17/20 10:20	1
Radium-228	0.891		0.303	0.317	1.00	0.302	pCi/g	01/27/20 17:17	02/17/20 10:20	1

Client Sample ID: WRSB206_3-6

Lab Sample ID: 160-37055-36

Date Collected: 01/21/20 11:05

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 93.2

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	7.4		0.18	0.083	mg/Kg	⊗	02/18/20 10:21	02/20/20 02:16	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB206_3-6

Lab Sample ID: 160-37055-36

Date Collected: 01/21/20 11:05

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 93.2

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	19		0.092	0.037	mg/Kg	⌚	02/18/20 10:21	02/20/20 02:16	2

Client Sample ID: WRSB206_6-15

Lab Sample ID: 160-37055-37

Date Collected: 01/21/20 11:19

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	7.35		0.485	0.978	1.00	0.229	pCi/g	01/27/20 17:17	02/17/20 10:18	1
Radium-228	1.74		0.353	0.406	1.00	0.364	pCi/g	01/27/20 17:17	02/17/20 10:18	1

Client Sample ID: WRSB206_6-15

Lab Sample ID: 160-37055-37

Date Collected: 01/21/20 11:19

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	7.3		0.18	0.082	mg/Kg	⌚	02/18/20 10:21	02/20/20 02:23	2
Uranium	21		0.091	0.036	mg/Kg	⌚	02/18/20 10:21	02/20/20 02:23	2

Client Sample ID: WRSB206-FD_6-15

Lab Sample ID: 160-37055-38

Date Collected: 01/21/20 11:21

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	5.69		0.333	0.679	1.00	0.170	pCi/g	01/27/20 18:00	02/17/20 10:56	1
Radium-228	1.12		0.222	0.250	1.00	0.247	pCi/g	01/27/20 18:00	02/17/20 10:56	1

Client Sample ID: WRSB206-FD_6-15

Lab Sample ID: 160-37055-38

Date Collected: 01/21/20 11:21

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	6.7		0.19	0.088	mg/Kg	⌚	02/18/20 10:21	02/20/20 02:30	2
Uranium	14		0.097	0.039	mg/Kg	⌚	02/18/20 10:21	02/20/20 02:30	2

Client Sample ID: WRSB206_15-25

Lab Sample ID: 160-37055-39

Date Collected: 01/21/20 11:42

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	3.34		0.334	0.477	1.00	0.210	pCi/g	01/27/20 18:00	02/17/20 10:57	1
Radium-228	1.71		0.269	0.320	1.00	0.237	pCi/g	01/27/20 18:00	02/17/20 10:57	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB206_15-25

Date Collected: 01/21/20 11:42
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-39

Matrix: Solid

Percent Solids: 95.0

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	8.2		0.20	0.089	mg/Kg	⌚	02/18/20 10:21	02/20/20 02:36	2
Uranium	11		0.098	0.039	mg/Kg	⌚	02/18/20 10:21	02/20/20 02:36	2

Client Sample ID: WRSB206_25-35

Date Collected: 01/21/20 11:52
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-40

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	3.36		0.361	0.502	1.00	0.249	pCi/g	01/27/20 18:00	02/17/20 11:03	1
Radium-228	1.99		0.493	0.533	1.00	0.427	pCi/g	01/27/20 18:00	02/17/20 11:03	1

Client Sample ID: WRSB206_25-35

Date Collected: 01/21/20 11:52
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-40

Matrix: Solid

Percent Solids: 95.0

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	12		0.20	0.092	mg/Kg	⌚	02/18/20 10:24	02/20/20 06:45	2
Uranium	9.7		0.10	0.041	mg/Kg	⌚	02/18/20 10:24	02/20/20 06:45	2

Client Sample ID: WRSB206_45-55

Date Collected: 01/21/20 13:13
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-41

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	2.86		0.336	0.449	1.00	0.215	pCi/g	01/27/20 18:00	02/17/20 11:04	1
Radium-228	1.86		0.385	0.429	1.00	0.394	pCi/g	01/27/20 18:00	02/17/20 11:04	1

Client Sample ID: WRSB206_45-55

Date Collected: 01/21/20 13:13
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-41

Matrix: Solid

Percent Solids: 94.7

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	12		0.19	0.086	mg/Kg	⌚	02/18/20 10:24	02/20/20 06:52	2
Uranium	6.4		0.095	0.038	mg/Kg	⌚	02/18/20 10:24	02/20/20 06:52	2

Client Sample ID: WRSB206_55-65

Date Collected: 01/21/20 13:26
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-42

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	3.15		0.305	0.447	1.00	0.214	pCi/g	01/27/20 18:00	02/17/20 11:00	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB206_55-65

Lab Sample ID: 160-37055-42

Date Collected: 01/21/20 13:26
 Date Received: 01/23/20 09:00

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS) (Continued)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	2.26		0.388	0.452	1.00	0.329	pCi/g	01/27/20 18:00	02/17/20 11:00	1

Client Sample ID: WRSB206_55-65

Lab Sample ID: 160-37055-42

Date Collected: 01/21/20 13:26
 Date Received: 01/23/20 09:00

Matrix: Solid

Percent Solids: 93.1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	16		0.19	0.086	mg/Kg	✉	02/18/20 10:27	02/20/20 09:47	2
Uranium	16		0.096	0.038	mg/Kg	✉	02/18/20 10:27	02/20/20 09:47	2

Client Sample ID: WRSB206_65-75

Lab Sample ID: 160-37055-43

Date Collected: 01/21/20 13:42
 Date Received: 01/23/20 09:00

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	2.10		0.298	0.369	1.00	0.208	pCi/g	01/27/20 18:00	02/17/20 11:01	1
Radium-228	1.63		0.336	0.374	1.00	0.290	pCi/g	01/27/20 18:00	02/17/20 11:01	1

Client Sample ID: WRSB206_65-75

Lab Sample ID: 160-37055-43

Date Collected: 01/21/20 13:42
 Date Received: 01/23/20 09:00

Matrix: Solid

Percent Solids: 93.8

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	12		0.20	0.091	mg/Kg	✉	02/18/20 10:24	02/20/20 06:59	2
Uranium	5.9		0.10	0.040	mg/Kg	✉	02/18/20 10:24	02/20/20 06:59	2

Client Sample ID: WRSB206_75-85

Lab Sample ID: 160-37055-44

Date Collected: 01/21/20 14:02
 Date Received: 01/23/20 09:00

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.55		0.208	0.263	1.00	0.150	pCi/g	01/27/20 18:00	02/17/20 11:02	1
Radium-228	1.88		0.297	0.354	1.00	0.168	pCi/g	01/27/20 18:00	02/17/20 11:02	1

Client Sample ID: WRSB206_75-85

Lab Sample ID: 160-37055-44

Date Collected: 01/21/20 14:02
 Date Received: 01/23/20 09:00

Matrix: Solid

Percent Solids: 93.6

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	11		0.20	0.088	mg/Kg	✉	02/18/20 10:24	02/20/20 07:06	2
Uranium	3.9		0.098	0.039	mg/Kg	✉	02/18/20 10:24	02/20/20 07:06	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB206_85-95

Lab Sample ID: 160-37055-45

Date Collected: 01/21/20 14:21

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	2.48		0.257	0.364	1.00	0.149	pCi/g	01/27/20 18:00	02/17/20 11:05	1
Radium-228	1.77		0.284	0.337	1.00	0.206	pCi/g	01/27/20 18:00	02/17/20 11:05	1

Client Sample ID: WRSB206_85-95

Lab Sample ID: 160-37055-45

Date Collected: 01/21/20 14:21

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.7

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	14		0.20	0.091	mg/Kg	⊗	02/18/20 10:24	02/20/20 07:12	2
Uranium	5.9		0.10	0.041	mg/Kg	⊗	02/18/20 10:24	02/20/20 07:12	2

Client Sample ID: WRSB206_95-105

Lab Sample ID: 160-37055-46

Date Collected: 01/21/20 14:38

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.7

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	2.10		0.287	0.375	1.00	0.201	pCi/g	01/27/20 18:00	02/17/20 11:02	1
Radium-228	2.02		0.322	0.397	1.00	0.239	pCi/g	01/27/20 18:00	02/17/20 11:02	1

Client Sample ID: WRSB206_95-105

Lab Sample ID: 160-37055-46

Date Collected: 01/21/20 14:38

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	9.1		0.19	0.087	mg/Kg	⊗	02/18/20 10:24	02/20/20 07:39	2
Uranium	2.4		0.096	0.039	mg/Kg	⊗	02/18/20 10:24	02/20/20 07:39	2

Client Sample ID: WRSB206_105-115

Lab Sample ID: 160-37055-47

Date Collected: 01/21/20 15:06

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.5

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.07		0.234	0.258	1.00	0.211	pCi/g	01/27/20 18:00	02/17/20 11:35	1
Radium-228	1.68		0.227	0.284	1.00	0.205	pCi/g	01/27/20 18:00	02/17/20 11:35	1

Client Sample ID: WRSB206_105-115

Lab Sample ID: 160-37055-47

Date Collected: 01/21/20 15:06

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.8

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	14		0.20	0.090	mg/Kg	⊗	02/18/20 10:24	02/20/20 07:46	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB206_105-115

Lab Sample ID: 160-37055-47

Date Collected: 01/21/20 15:06

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.8

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	3.6		0.10	0.040	mg/Kg	⌚	02/18/20 10:24	02/20/20 07:46	2

Client Sample ID: WRSB206_115-125

Lab Sample ID: 160-37055-48

Date Collected: 01/21/20 15:28

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.88		0.271	0.334	1.00	0.181	pCi/g	01/27/20 18:00	02/17/20 11:39	1
Radium-228	1.57		0.301	0.341	1.00	0.201	pCi/g	01/27/20 18:00	02/17/20 11:39	1

Client Sample ID: WRSB206_115-125

Lab Sample ID: 160-37055-48

Date Collected: 01/21/20 15:28

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	6.6		0.19	0.087	mg/Kg	⌚	02/18/20 10:24	02/20/20 07:53	2
Uranium	1.3		0.097	0.039	mg/Kg	⌚	02/18/20 10:24	02/20/20 07:53	2

Client Sample ID: WRSB206-FD_115-125

Lab Sample ID: 160-37055-49

Date Collected: 01/21/20 15:30

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	1.23		0.243	0.274	1.00	0.184	pCi/g	01/27/20 18:00	02/17/20 11:42	1
Radium-228	1.46		0.269	0.308	1.00	0.289	pCi/g	01/27/20 18:00	02/17/20 11:42	1

Client Sample ID: WRSB206-FD_115-125

Lab Sample ID: 160-37055-49

Date Collected: 01/21/20 15:30

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	7.1		0.20	0.091	mg/Kg	⌚	02/18/20 10:24	02/20/20 07:59	2
Uranium	1.2		0.10	0.040	mg/Kg	⌚	02/18/20 10:24	02/20/20 07:59	2

Client Sample ID: WRSB206_35-45

Lab Sample ID: 160-37055-50

Date Collected: 01/21/20 13:03

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	2.56		0.280	0.386	1.00	0.176	pCi/g	01/27/20 18:00	02/17/20 11:35	1
Radium-228	1.96		0.276	0.341	1.00	0.324	pCi/g	01/27/20 18:00	02/17/20 11:35	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB206_35-45

Lab Sample ID: 160-37055-50

Date Collected: 01/21/20 13:03

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	11		0.20	0.088	mg/Kg	⌚	02/18/20 10:24	02/20/20 08:06	2
Uranium	5.3		0.098	0.039	mg/Kg	⌚	02/18/20 10:24	02/20/20 08:06	2

Client Sample ID: WRSB224_0-0.5

Lab Sample ID: 160-37055-51

Date Collected: 01/21/20 09:23

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.26		0.214	0.251	1.00	0.144	pCi/g	01/27/20 18:00	02/17/20 11:36	1
Radium-228	1.54		0.302	0.341	1.00	0.199	pCi/g	01/27/20 18:00	02/17/20 11:36	1

Client Sample ID: WRSB224_0-0.5

Lab Sample ID: 160-37055-51

Date Collected: 01/21/20 09:23

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	14		0.20	0.089	mg/Kg	⌚	02/18/20 10:24	02/20/20 08:13	2
Uranium	2.1		0.099	0.040	mg/Kg	⌚	02/18/20 10:24	02/20/20 08:13	2

Client Sample ID: WRSB224_0.5-3

Lab Sample ID: 160-37055-52

Date Collected: 01/21/20 09:30

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.55		0.195	0.253	1.00	0.118	pCi/g	01/27/20 18:00	02/17/20 11:37	1
Radium-228	0.858		0.264	0.278	1.00	0.227	pCi/g	01/27/20 18:00	02/17/20 11:37	1

Client Sample ID: WRSB224_0.5-3

Lab Sample ID: 160-37055-52

Date Collected: 01/21/20 09:30

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	9.3		0.20	0.091	mg/Kg	⌚	02/18/20 10:24	02/20/20 08:19	2
Uranium	4.5		0.10	0.040	mg/Kg	⌚	02/18/20 10:24	02/20/20 08:19	2

Client Sample ID: WRSB224_3-6

Lab Sample ID: 160-37055-53

Date Collected: 01/21/20 09:38

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.91		0.222	0.298	1.00	0.123	pCi/g	01/27/20 18:00	02/17/20 11:39	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB224_3-6

Lab Sample ID: 160-37055-53

Date Collected: 01/21/20 09:38

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS) (Continued)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	(2σ+/-)						
Radium-228	1.11		0.192	0.223	1.00	0.0796	pCi/g	01/27/20 18:00	02/17/20 11:39	1

Client Sample ID: WRSB224_3-6

Lab Sample ID: 160-37055-53

Date Collected: 01/21/20 09:38

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	5.2		0.20	0.091	mg/Kg	✉	02/18/20 10:24	02/20/20 08:26	2
Uranium	4.9		0.10	0.040	mg/Kg	✉	02/18/20 10:24	02/20/20 08:26	2

Client Sample ID: WRSB224-FD_3-6

Lab Sample ID: 160-37055-54

Date Collected: 01/21/20 09:40

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	(2σ+/-)						
Radium-226	1.99		0.259	0.346	1.00	0.171	pCi/g	01/27/20 18:00	02/17/20 11:38	1
Radium-228	1.03		0.228	0.257	1.00	0.234	pCi/g	01/27/20 18:00	02/17/20 11:38	1

Client Sample ID: WRSB224-FD_3-6

Lab Sample ID: 160-37055-54

Date Collected: 01/21/20 09:40

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.4

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	4.3		0.20	0.088	mg/Kg	✉	02/18/20 10:24	02/20/20 08:33	2
Uranium	5.0		0.098	0.039	mg/Kg	✉	02/18/20 10:24	02/20/20 08:33	2

Client Sample ID: WRSB224_6-15

Lab Sample ID: 160-37055-55

Date Collected: 01/21/20 09:44

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.4

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	(2σ+/-)						
Radium-226	3.11		0.322	0.456	1.00	0.161	pCi/g	01/27/20 18:00	02/17/20 12:14	1
Radium-228	1.34		0.284	0.315	1.00	0.326	pCi/g	01/27/20 18:00	02/17/20 12:14	1

Client Sample ID: WRSB224_6-15

Lab Sample ID: 160-37055-55

Date Collected: 01/21/20 09:44

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	11		0.19	0.087	mg/Kg	✉	02/18/20 10:24	02/20/20 08:40	2
Uranium	11		0.097	0.039	mg/Kg	✉	02/18/20 10:24	02/20/20 08:40	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB219_0-0.5

Lab Sample ID: 160-37055-56

Date Collected: 01/21/20 10:41

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	0.816		0.178	0.198	1.00	0.148	pCi/g	01/27/20 18:00	02/17/20 12:14	1
Radium-228	0.803		0.231	0.245	1.00	0.138	pCi/g	01/27/20 18:00	02/17/20 12:14	1

Client Sample ID: WRSB219_0-0.5

Lab Sample ID: 160-37055-56

Date Collected: 01/21/20 10:41

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.8

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	5.0		0.18	0.083	mg/Kg	⊗	02/18/20 10:24	02/20/20 09:06	2
Uranium	2.0		0.092	0.037	mg/Kg	⊗	02/18/20 10:24	02/20/20 09:06	2

Client Sample ID: WRSB219_0.5-3

Lab Sample ID: 160-37055-57

Date Collected: 01/21/20 11:04

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 95.8

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.37		0.208	0.252	1.00	0.127	pCi/g	01/27/20 18:52	02/17/20 12:08	1
Radium-228	0.769		0.323	0.333	1.00	0.312	pCi/g	01/27/20 18:52	02/17/20 12:08	1

Client Sample ID: WRSB219_0.5-3

Lab Sample ID: 160-37055-57

Date Collected: 01/21/20 11:04

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 96.5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	2.5		0.20	0.089	mg/Kg	⊗	02/18/20 10:24	02/20/20 09:13	2
Uranium	3.7		0.099	0.039	mg/Kg	⊗	02/18/20 10:24	02/20/20 09:13	2

Client Sample ID: WRSB219_3-6

Lab Sample ID: 160-37055-58

Date Collected: 01/21/20 11:20

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 96.5

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	1.64		0.234	0.289	1.00	0.148	pCi/g	01/27/20 18:52	02/17/20 12:09	1
Radium-228	0.720		0.201	0.214	1.00	0.199	pCi/g	01/27/20 18:52	02/17/20 12:09	1

Client Sample ID: WRSB219_3-6

Lab Sample ID: 160-37055-58

Date Collected: 01/21/20 11:20

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.6

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	Uncert.	
Thorium	4.4		0.19	0.086	mg/Kg	⊗	02/18/20 10:24	02/20/20 09:20	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB219_3-6

Lab Sample ID: 160-37055-58

Date Collected: 01/21/20 11:20

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.6

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	3.5		0.096	0.038	mg/Kg	⌚	02/18/20 10:24	02/20/20 09:20	2

Client Sample ID: WRSB219_6-15

Lab Sample ID: 160-37055-59

Date Collected: 01/21/20 11:26

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	2.31		0.257	0.352	1.00	0.160	pCi/g	01/27/20 18:52	02/17/20 12:12	1
Radium-228	1.02		0.260	0.280	1.00	0.315	pCi/g	01/27/20 18:52	02/17/20 12:12	1

Client Sample ID: WRSB219_6-15

Lab Sample ID: 160-37055-59

Date Collected: 01/21/20 11:26

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	5.0		0.20	0.090	mg/Kg	⌚	02/18/20 10:27	02/20/20 10:41	2
Uranium	5.8		0.10	0.040	mg/Kg	⌚	02/18/20 10:27	02/20/20 10:41	2

Client Sample ID: WRSB220_0-0.5

Lab Sample ID: 160-37055-60

Date Collected: 01/21/20 13:23

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	3.43		0.310	0.472	1.00	0.201	pCi/g	01/27/20 18:52	02/17/20 12:13	1
Radium-228	2.02		0.313	0.375	1.00	0.289	pCi/g	01/27/20 18:52	02/17/20 12:13	1

Client Sample ID: WRSB220_0-0.5

Lab Sample ID: 160-37055-60

Date Collected: 01/21/20 13:23

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	16		0.19	0.085	mg/Kg	⌚	02/18/20 10:27	02/20/20 10:47	2
Uranium	11		0.094	0.038	mg/Kg	⌚	02/18/20 10:27	02/20/20 10:47	2

Client Sample ID: WRSB220_0.5-3

Lab Sample ID: 160-37055-61

Date Collected: 01/21/20 13:32

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	3.11		0.353	0.504	1.00	0.232	pCi/g	01/27/20 18:52	02/17/20 12:12	1
Radium-228	2.19		0.337	0.421	1.00	0.298	pCi/g	01/27/20 18:52	02/17/20 12:12	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB220_0.5-3

Date Collected: 01/21/20 13:32
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-61

Matrix: Solid

Percent Solids: 95.8

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	16		0.20	0.090	mg/Kg	⌚	02/18/20 10:27	02/20/20 10:54	2
Uranium	12		0.10	0.040	mg/Kg	⌚	02/18/20 10:27	02/20/20 10:54	2

Client Sample ID: WRSB220_3-6

Date Collected: 01/21/20 13:43
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-62

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	2.59		0.265	0.374	1.00	0.197	pCi/g	01/27/20 18:52	02/17/20 12:55	1
Radium-228	2.30		0.311	0.389	1.00	0.266	pCi/g	01/27/20 18:52	02/17/20 12:55	1

Client Sample ID: WRSB220_3-6

Date Collected: 01/21/20 13:43
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-62

Matrix: Solid

Percent Solids: 95.3

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	18		0.20	0.092	mg/Kg	⌚	02/18/20 10:27	02/20/20 11:01	2
Uranium	11		0.10	0.041	mg/Kg	⌚	02/18/20 10:27	02/20/20 11:01	2

Client Sample ID: WRSB220-FD_3-6

Date Collected: 01/21/20 13:45
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-63

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	2.57		0.263	0.375	1.00	0.159	pCi/g	01/27/20 18:52	02/18/20 08:56	1
Radium-228	2.21		0.375	0.438	1.00	0.267	pCi/g	01/27/20 18:52	02/18/20 08:56	1

Client Sample ID: WRSB220-FD_3-6

Date Collected: 01/21/20 13:45
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-63

Matrix: Solid

Percent Solids: 95.9

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	16		0.17	0.079	mg/Kg	⌚	02/18/20 10:27	02/20/20 11:08	2
Uranium	12		0.087	0.035	mg/Kg	⌚	02/18/20 10:27	02/20/20 11:08	2

Client Sample ID: WRSB220_6-15

Date Collected: 01/21/20 13:50
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-64

Matrix: Solid

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	3.10		0.361	0.484	1.00	0.247	pCi/g	01/27/20 18:52	02/17/20 12:55	1

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB220_6-15

Lab Sample ID: 160-37055-64

Date Collected: 01/21/20 13:50

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS) (Continued)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	(2σ+/-)						
Radium-228	1.70		0.358	0.398	1.00	0.361	pCi/g	01/27/20 18:52	02/17/20 12:55	1

Client Sample ID: WRSB220_6-15

Lab Sample ID: 160-37055-64

Date Collected: 01/21/20 13:50

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 94.3

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	15		0.19	0.088	mg/Kg	✉	02/18/20 10:27	02/20/20 11:14	2
Uranium	14		0.097	0.039	mg/Kg	✉	02/18/20 10:27	02/20/20 11:14	2

Client Sample ID: WRSB231_0-0.5

Lab Sample ID: 160-37055-65

Date Collected: 01/21/20 14:46

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	(2σ+/-)						
Radium-226	1.95		0.263	0.333	1.00	0.187	pCi/g	01/27/20 18:52	02/17/20 12:57	1
Radium-228	1.78		0.332	0.379	1.00	0.208	pCi/g	01/27/20 18:52	02/17/20 12:57	1

Client Sample ID: WRSB231_0-0.5

Lab Sample ID: 160-37055-65

Date Collected: 01/21/20 14:46

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 92.2

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	11		0.20	0.091	mg/Kg	✉	02/18/20 10:27	02/20/20 11:21	2
Uranium	3.3		0.10	0.040	mg/Kg	✉	02/18/20 10:27	02/20/20 11:21	2

Client Sample ID: WRSB231_0.5-3

Lab Sample ID: 160-37055-66

Date Collected: 01/21/20 14:55

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 92.2

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	(2σ+/-)						
Radium-226	2.56		0.307	0.406	1.00	0.204	pCi/g	01/27/20 18:52	02/17/20 12:58	1
Radium-228	2.12		0.298	0.368	1.00	0.308	pCi/g	01/27/20 18:52	02/17/20 12:58	1

Client Sample ID: WRSB231_0.5-3

Lab Sample ID: 160-37055-66

Date Collected: 01/21/20 14:55

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 96.4

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	25		0.20	0.089	mg/Kg	✉	02/18/20 10:27	02/20/20 11:28	2
Uranium	9.9		0.099	0.040	mg/Kg	✉	02/18/20 10:27	02/20/20 11:28	2

Eurofins TestAmerica, St. Louis

Client Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Client Sample ID: WRSB231_3-6

Lab Sample ID: 160-37055-67

Date Collected: 01/21/20 14:59

Matrix: Solid

Date Received: 01/23/20 09:00

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	(2σ+/-)						
Radium-226	3.13		0.275	0.426	1.00	0.215	pCi/g	01/27/20 18:52	02/17/20 12:59	1
Radium-228	2.07		0.355	0.413	1.00	0.312	pCi/g	01/27/20 18:52	02/17/20 12:59	1

Client Sample ID: WRSB231_3-6

Lab Sample ID: 160-37055-67

Date Collected: 01/21/20 14:59

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 96.6

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	(2σ+/-)	
Thorium	24		0.19	0.085	mg/Kg	⊗	02/18/20 10:28	02/20/20 11:35	2
Uranium	13		0.094	0.038	mg/Kg	⊗	02/18/20 10:28	02/20/20 11:35	2

Client Sample ID: WRSB231_6-15

Lab Sample ID: 160-37055-68

Date Collected: 01/21/20 15:04

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 96.6

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	(2σ+/-)						
Radium-226	1.91		0.333	0.400	1.00	0.262	pCi/g	01/27/20 18:52	02/17/20 12:57	1
Radium-228	1.63		0.291	0.346	1.00	0.277	pCi/g	01/27/20 18:52	02/17/20 12:57	1

Client Sample ID: WRSB231_6-15

Lab Sample ID: 160-37055-68

Date Collected: 01/21/20 15:04

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 96.8

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
							Uncert.	(2σ+/-)	
Thorium	14		0.19	0.086	mg/Kg	⊗	02/18/20 10:28	02/20/20 12:01	2
Uranium	4.6		0.096	0.038	mg/Kg	⊗	02/18/20 10:28	02/20/20 12:01	2

Eurofins TestAmerica, St. Louis

QC Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 160-460771/1-A

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 460771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	ND		0.17	0.075	mg/Kg		02/18/20 10:13	02/19/20 19:13	2
Uranium	ND		0.084	0.033	mg/Kg		02/18/20 10:13	02/19/20 19:13	2

Lab Sample ID: LCS 160-460771/2-A

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 460771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Thorium	98.5	99.6		mg/Kg		101	80 - 120

Lab Sample ID: LCSSRM 160-460771/3-A

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 460771

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec.	Limits
Uranium	70.9	60.7		mg/Kg		85.7	62.6 - 110.

0

Lab Sample ID: 160-37055-5 MS

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: WRSB222_6-15

Prep Type: Total/NA

Prep Batch: 460771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Thorium	8.3		92.8	104		mg/Kg	⊗	103	75 - 125
Uranium	3.7		92.8	96.7		mg/Kg	⊗	100	75 - 125

Lab Sample ID: 160-37055-5 MSD

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: WRSB222_6-15

Prep Type: Total/NA

Prep Batch: 460771

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	RPD	Limit
Thorium	8.3		90.8	100		mg/Kg	⊗	101	75 - 125	4	30
Uranium	3.7		90.8	94.9		mg/Kg	⊗	100	75 - 125	2	30

Lab Sample ID: 160-37055-5 DU

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: WRSB222_6-15

Prep Type: Total/NA

Prep Batch: 460771

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	RPD	RPD	Limit
Thorium	8.3		90.8	7.41		mg/Kg	⊗		11	30
Uranium	3.7		90.8	3.05		mg/Kg	⊗		19	30

Lab Sample ID: MB 160-460774/1-A

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 460774

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	ND		0.19	0.087	mg/Kg		02/18/20 10:21	02/19/20 23:08	2
Uranium	ND		0.097	0.039	mg/Kg		02/18/20 10:21	02/19/20 23:08	2

Eurofins TestAmerica, St. Louis

QC Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 160-460774/2-A

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 460774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Thorium	93.1	94.1		mg/Kg	101	80 - 120	

Lab Sample ID: LCSSRM 160-460774/3-A

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 460774

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec.	Limits
Uranium	70.9	61.2		mg/Kg	86.4	62.6 - 110.0	

Lab Sample ID: 160-37055-17 MS

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: WRSB226_3-6

Prep Type: Total/NA

Prep Batch: 460774

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Thorium	6.3		104	112		mg/Kg	⊗	102	75 - 125
Uranium	1.1		104	106		mg/Kg	⊗	101	75 - 125

Lab Sample ID: 160-37055-17 MSD

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: WRSB226_3-6

Prep Type: Total/NA

Prep Batch: 460774

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	RPD	Limit
Thorium	6.3		102	108		mg/Kg	⊗	100	75 - 125	4	30
Uranium	1.1		102	104		mg/Kg	⊗	101	75 - 125	2	30

Lab Sample ID: 160-37055-17 DU

Matrix: Solid

Analysis Batch: 461292

Client Sample ID: WRSB226_3-6

Prep Type: Total/NA

Prep Batch: 460774

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	RPD	Limit
Thorium	6.3			6.16		mg/Kg	⊗		2	30	
Uranium	1.1			1.10		mg/Kg	⊗		0.3	30	

Lab Sample ID: MB 160-460775/1-A

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 460775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	ND		0.19	0.086	mg/Kg	02/18/20 10:24	02/20/20 05:32		2
Uranium	ND		0.096	0.038	mg/Kg	02/18/20 10:24	02/20/20 05:32		2

Lab Sample ID: LCS 160-460775/2-A

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 460775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Thorium	87.0	88.5		mg/Kg	102	80 - 120	

Eurofins TestAmerica, St. Louis

QC Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 160-460775/3-A

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 460775

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec.
Uranium	70.9	62.1		mg/Kg		87.6	62.6 - 110.0

Lab Sample ID: 160-37055-21 MS

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: WRSB232_3-6

Prep Type: Total/NA

Prep Batch: 460775

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
Thorium	12		98.8	108		mg/Kg	⊗	98	75 - 125
Uranium	1.8		98.8	103		mg/Kg	⊗	102	75 - 125

Lab Sample ID: 160-37055-21 MSD

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: WRSB232_3-6

Prep Type: Total/NA

Prep Batch: 460775

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD
Thorium	12		102	110		mg/Kg	⊗	97	75 - 125	2
Uranium	1.8		102	106		mg/Kg	⊗	103	75 - 125	3

Lab Sample ID: 160-37055-21 DU

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: WRSB232_3-6

Prep Type: Total/NA

Prep Batch: 460775

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD
Thorium	12			7.62	F3	mg/Kg	⊗		41
Uranium	1.8			1.30	F3	mg/Kg	⊗		31

Lab Sample ID: MB 160-460777/1-A

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 460777

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thorium	ND		0.19	0.085	mg/Kg		02/18/20 10:27	02/20/20 09:27	2
Uranium	ND		0.095	0.038	mg/Kg		02/18/20 10:27	02/20/20 09:27	2

Lab Sample ID: LCS 160-460777/2-A

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 460777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec
Thorium	90.2	91.9		mg/Kg	102	80 - 120

Lab Sample ID: LCSSRM 160-460777/3-A

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 460777

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec
Uranium	70.9	61.6		mg/Kg	86.8	62.6 - 110.0

Eurofins TestAmerica, St. Louis

QC Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 160-37055-42 MS

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: WRSB206_55-65

Prep Type: Total/NA

Prep Batch: 460777

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Thorium	16		106	123		mg/Kg	⊗	101	75 - 125		
Uranium	16		106	117		mg/Kg	⊗	96	75 - 125		

Lab Sample ID: 160-37055-42 MSD

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: WRSB206_55-65

Prep Type: Total/NA

Prep Batch: 460777

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Thorium	16		99.0	118		mg/Kg	⊗	103	75 - 125	4	30
Uranium	16		99.0	110		mg/Kg	⊗	95	75 - 125	6	30

Lab Sample ID: 160-37055-42 DU

Matrix: Solid

Analysis Batch: 461293

Client Sample ID: WRSB206_55-65

Prep Type: Total/NA

Prep Batch: 460777

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	Limit
Thorium	16			14.7		mg/Kg	⊗		11	30
Uranium	16			9.25	F3	mg/Kg	⊗		52	30

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-458208/1-A

Matrix: Solid

Analysis Batch: 460611

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 458208

Analyte	MB Result	MB Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			(2σ+/-)	(2σ+/-)						
Radium-226	-0.1113	U	0.0937	0.0944	1.00	0.333	pCi/g	01/27/20 15:58	02/17/20 06:40	1
Radium-228	-0.03058	U	0.0796	0.0797	1.00	0.260	pCi/g	01/27/20 15:58	02/17/20 06:40	1

Lab Sample ID: LCS 160-458208/2-A

Matrix: Solid

Analysis Batch: 460612

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 458208

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec. Limits	DER	Limit
				Uncert. (2σ+/-)							
Americium-241	96.6	101.7		11.9		1.10	pCi/g	105	75 - 125		
Cesium-137	27.2	30.16		3.17		0.292	pCi/g	111	75 - 125		
Cobalt-60	10.5	11.69		1.22		0.149	pCi/g	111	75 - 125		

Lab Sample ID: 160-37055-5 DU

Matrix: Solid

Analysis Batch: 460611

Client Sample ID: WRSB222_6-15

Prep Type: Total/NA

Prep Batch: 458208

Analyte	Sample Result	Sample Qual	DU	DU	Uncert. (2σ+/-)	RL	MDC	Unit	DER	Limit
			Result	Qual						
Radium-226	1.74		1.452		0.242	1.00	0.124	pCi/g	1.47	2
Radium-228	1.35		1.251		0.227	1.00	0.179	pCi/g	0.52	2

Eurofins TestAmerica, St. Louis

QC Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS) (Continued)

Lab Sample ID: 160-37055-17 DU

Matrix: Solid

Analysis Batch: 460611

Client Sample ID: WRSB226_3-6

Prep Type: Total/NA

Prep Batch: 458208

Analyte	Sample	Sample	DU		DU		Total		RL	MDC	Unit	DER	Limit
	Result	Qual	Result	Qual	(2σ+/-)	Uncert.	RL	DER	Limit				
Radium-226	1.51		1.236		0.221		1.00	0.126	pCi/g	1.35		2	
Radium-228	1.74		1.450		0.248		1.00	0.213	pCi/g	1.22		2	

Lab Sample ID: MB 160-458211/1-A

Matrix: Solid

Analysis Batch: 460611

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 458211

Analyte	MB	MB	Count		Total		RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	(2σ+/-)	Uncert.	(2σ+/-)	Uncert.						
Radium-226	-0.01504	U	0.0304	0.0304	1.00	0.240	pCi/g	01/27/20 17:17	02/17/20 08:48			1
Radium-228	0.07612	U	0.138	0.138	1.00	0.165	pCi/g	01/27/20 17:17	02/17/20 08:48			1

Lab Sample ID: LCS 160-458211/2-A

Matrix: Solid

Analysis Batch: 460612

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 458211

Analyte	Spike	LCS	LCS	Total		RL	MDC	Unit	%Rec	Limits	%Rec.
	Added	Result	Qual	(2σ+/-)	Uncert.						
Americium-241	96.6	100.4		11.8			1.31	pCi/g	104	75 - 125	
Cesium-137	27.2	31.36		3.29			0.272	pCi/g	115	75 - 125	
Cobalt-60	10.5	11.38		1.20			0.144	pCi/g	108	75 - 125	

Lab Sample ID: 160-37055-21 DU

Matrix: Solid

Analysis Batch: 460611

Client Sample ID: WRSB232_3-6

Prep Type: Total/NA

Prep Batch: 458211

Analyte	Sample	Sample	DU		DU		Total		RL	MDC	Unit	DER	Limit
	Result	Qual	Result	Qual	(2σ+/-)	Uncert.	RL	MDC	Unit	%Rec	Limits		
Radium-226	1.26		1.357		0.249		1.00	0.148	pCi/g	0.53		2	
Radium-228	1.64		1.398		0.273		1.00	0.108	pCi/g	1.11		2	

Lab Sample ID: MB 160-458212/1-A

Matrix: Solid

Analysis Batch: 460609

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 458212

Analyte	MB	MB	Count		Total		RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	(2σ+/-)	Uncert.	(2σ+/-)	Uncert.						
Radium-226	0.02229	U	0.0309	0.0310	1.00	0.391	pCi/g	01/27/20 18:00	02/17/20 10:20			1
Radium-228	0.04007	U	0.158	0.158	1.00	0.315	pCi/g	01/27/20 18:00	02/17/20 10:20			1

Lab Sample ID: LCS 160-458212/2-A

Matrix: Solid

Analysis Batch: 460610

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 458212

Analyte	Spike	LCS	LCS	Total		RL	MDC	Unit	%Rec	Limits	%Rec.
	Added	Result	Qual	(2σ+/-)	Uncert.						
Americium-241	96.6	100.9		10.6			1.42	pCi/g	104	75 - 125	
Cesium-137	27.2	27.49		2.95			0.253	pCi/g	101	75 - 125	
Cobalt-60	10.5	10.67		1.14			0.0692	pCi/g	101	75 - 125	

Eurofins TestAmerica, St. Louis

QC Sample Results

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: 160-37055-42 DU

Matrix: Solid

Analysis Batch: 460611

Client Sample ID: WRSB206_55-65

Prep Type: Total/NA

Prep Batch: 458212

Analyte	Sample	Sample	DU		DU		Total		RL	MDC	Unit	DER	Limit
	Result	Qual	Result	Qual	(2σ+/-)	Uncert.	(2σ+/-)	Uncert.					
Radium-226	3.15		3.078		0.412		1.00		0.129	pCi/g		0.22	2
Radium-228	2.26		2.049		0.396		1.00		0.183	pCi/g		0.71	2

Lab Sample ID: MB 160-458213/1-A

Matrix: Solid

Analysis Batch: 460611

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 458213

Analyte	MB	MB	Count		Total		RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert.	(2σ+/-)	Uncert.	(2σ+/-)						
Radium-226	0.01509	U	0.0248		0.0249		1.00	0.240	pCi/g	01/27/20 18:52	02/17/20 12:06	1
Radium-228	-0.07523	U		0.254		0.254	1.00	0.295	pCi/g	01/27/20 18:52	02/17/20 12:06	1

Lab Sample ID: LCS 160-458213/2-A

Matrix: Solid

Analysis Batch: 460612

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 458213

Analyte	Spike	LCS	LCS	Total		RL	MDC	Unit	%Rec.	Limits
	Added	Result	Qual	Uncert.	(2σ+/-)					
Americium-241	96.6	100.6		11.8			1.23	pCi/g	104	75 - 125
Cesium-137	27.2	30.71		3.22			0.260	pCi/g	113	75 - 125
Cobalt-60	10.5	11.56		1.21			0.150	pCi/g	110	75 - 125

Lab Sample ID: 160-37055-57 DU

Matrix: Solid

Analysis Batch: 460611

Client Sample ID: WRSB219_0.5-3

Prep Type: Total/NA

Prep Batch: 458213

Analyte	Sample	Sample	DU		DU		Total		RL	MDC	Unit	DER	Limit
	Result	Qual	Result	Qual	(2σ+/-)	Uncert.	(2σ+/-)	Uncert.					
Radium-226	1.37		1.348		0.223		1.00		0.101	pCi/g		0.15	2
Radium-228	0.769		0.7218		0.228		1.00		0.170	pCi/g		0.23	2

Eurofins TestAmerica, St. Louis

QC Association Summary

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Metals

Prep Batch: 460771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-1	WRSB222_0-0.5	Total/NA	Solid	3050B	1
160-37055-2	WRSB222_0.5-3	Total/NA	Solid	3050B	2
160-37055-3	WRSB222-FD_0.5-3	Total/NA	Solid	3050B	3
160-37055-4	WRSB222_3-6	Total/NA	Solid	3050B	4
160-37055-5	WRSB222_6-15	Total/NA	Solid	3050B	5
160-37055-6	WRSB212_0-0.5	Total/NA	Solid	3050B	6
160-37055-7	WRSB212_0.5-3	Total/NA	Solid	3050B	7
160-37055-8	WRSB212_3-6	Total/NA	Solid	3050B	8
160-37055-9	WRSB212_6-15	Total/NA	Solid	3050B	9
160-37055-10	WRSB230_0-0.5	Total/NA	Solid	3050B	10
160-37055-11	WRSB230_0.5-3	Total/NA	Solid	3050B	11
160-37055-12	WRSB230_3-6	Total/NA	Solid	3050B	12
160-37055-13	WRSB230-FD_3-6	Total/NA	Solid	3050B	13
160-37055-14	WRSB230_6-15	Total/NA	Solid	3050B	14
160-37055-15	WRSB226_0-0.5	Total/NA	Solid	3050B	15
160-37055-16	WRSB226_0.5-3	Total/NA	Solid	3050B	16
160-37055-18	WRSB226_6-15	Total/NA	Solid	3050B	17
160-37055-19	WRSB232_0-0.5	Total/NA	Solid	3050B	18
160-37055-20	WRSB232_0.5-3	Total/NA	Solid	3050B	19
MB 160-460771/1-A	Method Blank	Total/NA	Solid	3050B	20
LCS 160-460771/2-A	Lab Control Sample	Total/NA	Solid	3050B	21
LCSSRM 160-460771/3-A	Lab Control Sample	Total/NA	Solid	3050B	22
160-37055-5 MS	WRSB222_6-15	Total/NA	Solid	3050B	23
160-37055-5 MSD	WRSB222_6-15	Total/NA	Solid	3050B	24
160-37055-5 DU	WRSB222_6-15	Total/NA	Solid	3050B	25

Prep Batch: 460774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-17	WRSB226_3-6	Total/NA	Solid	3050B	1
160-37055-22	WRSB232_6-15	Total/NA	Solid	3050B	2
160-37055-23	WRSB232-FD_6-15	Total/NA	Solid	3050B	3
160-37055-24	WRSB236_0-0.5	Total/NA	Solid	3050B	4
160-37055-25	WRSB236_0.5-3	Total/NA	Solid	3050B	5
160-37055-26	WRSB236_3-6	Total/NA	Solid	3050B	6
160-37055-27	WRSB236-FD_3-6	Total/NA	Solid	3050B	7
160-37055-28	WRSB236_6-15	Total/NA	Solid	3050B	8
160-37055-29	WRSB240_0-0.5	Total/NA	Solid	3050B	9
160-37055-30	WRSB240-FD_0-0.5	Total/NA	Solid	3050B	10
160-37055-31	WRSB240_0.5-3	Total/NA	Solid	3050B	11
160-37055-32	WRSB240_3-6	Total/NA	Solid	3050B	12
160-37055-33	WRSB240_6-15	Total/NA	Solid	3050B	13
160-37055-34	WRSB206_0-0.5	Total/NA	Solid	3050B	14
160-37055-35	WRSB206_0.5-3	Total/NA	Solid	3050B	15
160-37055-36	WRSB206_3-6	Total/NA	Solid	3050B	16
160-37055-37	WRSB206_6-15	Total/NA	Solid	3050B	17
160-37055-38	WRSB206-FD_6-15	Total/NA	Solid	3050B	18
160-37055-39	WRSB206_15-25	Total/NA	Solid	3050B	19
MB 160-460774/1-A	Method Blank	Total/NA	Solid	3050B	20
LCS 160-460774/2-A	Lab Control Sample	Total/NA	Solid	3050B	21
LCSSRM 160-460774/3-A	Lab Control Sample	Total/NA	Solid	3050B	22
160-37055-17 MS	WRSB226_3-6	Total/NA	Solid	3050B	23

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QC Association Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Metals (Continued)

Prep Batch: 460774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-17 MSD	WRSB226_3-6	Total/NA	Solid	3050B	
160-37055-17 DU	WRSB226_3-6	Total/NA	Solid	3050B	

Prep Batch: 460775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-21	WRSB232_3-6	Total/NA	Solid	3050B	
160-37055-40	WRSB206_25-35	Total/NA	Solid	3050B	
160-37055-41	WRSB206_45-55	Total/NA	Solid	3050B	
160-37055-43	WRSB206_65-75	Total/NA	Solid	3050B	
160-37055-44	WRSB206_75-85	Total/NA	Solid	3050B	
160-37055-45	WRSB206_85-95	Total/NA	Solid	3050B	
160-37055-46	WRSB206_95-105	Total/NA	Solid	3050B	
160-37055-47	WRSB206_105-115	Total/NA	Solid	3050B	
160-37055-48	WRSB206_115-125	Total/NA	Solid	3050B	
160-37055-49	WRSB206-FD_115-125	Total/NA	Solid	3050B	
160-37055-50	WRSB206_35-45	Total/NA	Solid	3050B	
160-37055-51	WRSB224_0-0.5	Total/NA	Solid	3050B	
160-37055-52	WRSB224_0.5-3	Total/NA	Solid	3050B	
160-37055-53	WRSB224_3-6	Total/NA	Solid	3050B	
160-37055-54	WRSB224-FD_3-6	Total/NA	Solid	3050B	
160-37055-55	WRSB224_6-15	Total/NA	Solid	3050B	
160-37055-56	WRSB219_0-0.5	Total/NA	Solid	3050B	
160-37055-57	WRSB219_0.5-3	Total/NA	Solid	3050B	
160-37055-58	WRSB219_3-6	Total/NA	Solid	3050B	
MB 160-460775/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 160-460775/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSSRM 160-460775/3-A	Lab Control Sample	Total/NA	Solid	3050B	
160-37055-21 MS	WRSB232_3-6	Total/NA	Solid	3050B	
160-37055-21 MSD	WRSB232_3-6	Total/NA	Solid	3050B	
160-37055-21 DU	WRSB232_3-6	Total/NA	Solid	3050B	

Prep Batch: 460777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-42	WRSB206_55-65	Total/NA	Solid	3050B	
160-37055-59	WRSB219_6-15	Total/NA	Solid	3050B	
160-37055-60	WRSB220_0-0.5	Total/NA	Solid	3050B	
160-37055-61	WRSB220_0.5-3	Total/NA	Solid	3050B	
160-37055-62	WRSB220_3-6	Total/NA	Solid	3050B	
160-37055-63	WRSB220-FD_3-6	Total/NA	Solid	3050B	
160-37055-64	WRSB220_6-15	Total/NA	Solid	3050B	
160-37055-65	WRSB231_0-0.5	Total/NA	Solid	3050B	
160-37055-66	WRSB231_0.5-3	Total/NA	Solid	3050B	
160-37055-67	WRSB231_3-6	Total/NA	Solid	3050B	
160-37055-68	WRSB231_6-15	Total/NA	Solid	3050B	
MB 160-460777/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 160-460777/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSSRM 160-460777/3-A	Lab Control Sample	Total/NA	Solid	3050B	
160-37055-42 MS	WRSB206_55-65	Total/NA	Solid	3050B	
160-37055-42 MSD	WRSB206_55-65	Total/NA	Solid	3050B	
160-37055-42 DU	WRSB206_55-65	Total/NA	Solid	3050B	

Eurofins TestAmerica, St. Louis

QC Association Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Metals

Analysis Batch: 461292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-1	WRSB222_0-0.5	Total/NA	Solid	6020A	460771
160-37055-2	WRSB222_0.5-3	Total/NA	Solid	6020A	460771
160-37055-3	WRSB222-FD_0.5-3	Total/NA	Solid	6020A	460771
160-37055-4	WRSB222_3-6	Total/NA	Solid	6020A	460771
160-37055-5	WRSB222_6-15	Total/NA	Solid	6020A	460771
160-37055-6	WRSB212_0-0.5	Total/NA	Solid	6020A	460771
160-37055-7	WRSB212_0.5-3	Total/NA	Solid	6020A	460771
160-37055-8	WRSB212_3-6	Total/NA	Solid	6020A	460771
160-37055-9	WRSB212_6-15	Total/NA	Solid	6020A	460771
160-37055-10	WRSB230_0-0.5	Total/NA	Solid	6020A	460771
160-37055-11	WRSB230_0.5-3	Total/NA	Solid	6020A	460771
160-37055-12	WRSB230_3-6	Total/NA	Solid	6020A	460771
160-37055-13	WRSB230-FD_3-6	Total/NA	Solid	6020A	460771
160-37055-14	WRSB230_6-15	Total/NA	Solid	6020A	460771
160-37055-15	WRSB226_0-0.5	Total/NA	Solid	6020A	460771
160-37055-16	WRSB226_0.5-3	Total/NA	Solid	6020A	460771
160-37055-17	WRSB226_3-6	Total/NA	Solid	6020A	460774
160-37055-18	WRSB226_6-15	Total/NA	Solid	6020A	460771
160-37055-19	WRSB232_0-0.5	Total/NA	Solid	6020A	460771
160-37055-20	WRSB232_0.5-3	Total/NA	Solid	6020A	460771
160-37055-22	WRSB232_6-15	Total/NA	Solid	6020A	460774
160-37055-23	WRSB232-FD_6-15	Total/NA	Solid	6020A	460774
160-37055-24	WRSB236_0-0.5	Total/NA	Solid	6020A	460774
160-37055-25	WRSB236_0.5-3	Total/NA	Solid	6020A	460774
160-37055-26	WRSB236_3-6	Total/NA	Solid	6020A	460774
160-37055-27	WRSB236-FD_3-6	Total/NA	Solid	6020A	460774
160-37055-28	WRSB236_6-15	Total/NA	Solid	6020A	460774
160-37055-29	WRSB240_0-0.5	Total/NA	Solid	6020A	460774
160-37055-30	WRSB240-FD_0-0.5	Total/NA	Solid	6020A	460774
160-37055-31	WRSB240_0.5-3	Total/NA	Solid	6020A	460774
160-37055-32	WRSB240_3-6	Total/NA	Solid	6020A	460774
160-37055-33	WRSB240_6-15	Total/NA	Solid	6020A	460774
160-37055-34	WRSB206_0-0.5	Total/NA	Solid	6020A	460774
160-37055-35	WRSB206_0.5-3	Total/NA	Solid	6020A	460774
160-37055-36	WRSB206_3-6	Total/NA	Solid	6020A	460774
160-37055-37	WRSB206_6-15	Total/NA	Solid	6020A	460774
160-37055-38	WRSB206-FD_6-15	Total/NA	Solid	6020A	460774
160-37055-39	WRSB206_15-25	Total/NA	Solid	6020A	460774
MB 160-460771/1-A	Method Blank	Total/NA	Solid	6020A	460771
MB 160-460774/1-A	Method Blank	Total/NA	Solid	6020A	460774
LCS 160-460771/2-A	Lab Control Sample	Total/NA	Solid	6020A	460771
LCS 160-460774/2-A	Lab Control Sample	Total/NA	Solid	6020A	460774
LCSSRM 160-460771/3-A	Lab Control Sample	Total/NA	Solid	6020A	460771
LCSSRM 160-460774/3-A	Lab Control Sample	Total/NA	Solid	6020A	460774
160-37055-5 MS	WRSB222_6-15	Total/NA	Solid	6020A	460771
160-37055-5 MSD	WRSB222_6-15	Total/NA	Solid	6020A	460771
160-37055-17 MS	WRSB226_3-6	Total/NA	Solid	6020A	460774
160-37055-17 MSD	WRSB226_3-6	Total/NA	Solid	6020A	460774
160-37055-5 DU	WRSB222_6-15	Total/NA	Solid	6020A	460771
160-37055-17 DU	WRSB226_3-6	Total/NA	Solid	6020A	460774

Eurofins TestAmerica, St. Louis

QC Association Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Metals

Analysis Batch: 461293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-21	WRSB232_3-6	Total/NA	Solid	6020A	460775
160-37055-40	WRSB206_25-35	Total/NA	Solid	6020A	460775
160-37055-41	WRSB206_45-55	Total/NA	Solid	6020A	460775
160-37055-42	WRSB206_55-65	Total/NA	Solid	6020A	460777
160-37055-43	WRSB206_65-75	Total/NA	Solid	6020A	460775
160-37055-44	WRSB206_75-85	Total/NA	Solid	6020A	460775
160-37055-45	WRSB206_85-95	Total/NA	Solid	6020A	460775
160-37055-46	WRSB206_95-105	Total/NA	Solid	6020A	460775
160-37055-47	WRSB206_105-115	Total/NA	Solid	6020A	460775
160-37055-48	WRSB206_115-125	Total/NA	Solid	6020A	460775
160-37055-49	WRSB206-FD_115-125	Total/NA	Solid	6020A	460775
160-37055-50	WRSB206_35-45	Total/NA	Solid	6020A	460775
160-37055-51	WRSB224_0-0.5	Total/NA	Solid	6020A	460775
160-37055-52	WRSB224_0.5-3	Total/NA	Solid	6020A	460775
160-37055-53	WRSB224_3-6	Total/NA	Solid	6020A	460775
160-37055-54	WRSB224-FD_3-6	Total/NA	Solid	6020A	460775
160-37055-55	WRSB224_6-15	Total/NA	Solid	6020A	460775
160-37055-56	WRSB219_0-0.5	Total/NA	Solid	6020A	460775
160-37055-57	WRSB219_0.5-3	Total/NA	Solid	6020A	460775
160-37055-58	WRSB219_3-6	Total/NA	Solid	6020A	460775
160-37055-59	WRSB219_6-15	Total/NA	Solid	6020A	460777
160-37055-60	WRSB220_0-0.5	Total/NA	Solid	6020A	460777
160-37055-61	WRSB220_0.5-3	Total/NA	Solid	6020A	460777
160-37055-62	WRSB220_3-6	Total/NA	Solid	6020A	460777
160-37055-63	WRSB220-FD_3-6	Total/NA	Solid	6020A	460777
160-37055-64	WRSB220_6-15	Total/NA	Solid	6020A	460777
160-37055-65	WRSB231_0-0.5	Total/NA	Solid	6020A	460777
160-37055-66	WRSB231_0.5-3	Total/NA	Solid	6020A	460777
160-37055-67	WRSB231_3-6	Total/NA	Solid	6020A	460777
160-37055-68	WRSB231_6-15	Total/NA	Solid	6020A	460777
MB 160-460775/1-A	Method Blank	Total/NA	Solid	6020A	460775
MB 160-460777/1-A	Method Blank	Total/NA	Solid	6020A	460777
LCS 160-460775/2-A	Lab Control Sample	Total/NA	Solid	6020A	460775
LCS 160-460777/2-A	Lab Control Sample	Total/NA	Solid	6020A	460777
LCSSRM 160-460775/3-A	Lab Control Sample	Total/NA	Solid	6020A	460775
LCSSRM 160-460777/3-A	Lab Control Sample	Total/NA	Solid	6020A	460777
160-37055-21 MS	WRSB232_3-6	Total/NA	Solid	6020A	460775
160-37055-21 MSD	WRSB232_3-6	Total/NA	Solid	6020A	460775
160-37055-42 MS	WRSB206_55-65	Total/NA	Solid	6020A	460777
160-37055-42 MSD	WRSB206_55-65	Total/NA	Solid	6020A	460777
160-37055-21 DU	WRSB232_3-6	Total/NA	Solid	6020A	460775
160-37055-42 DU	WRSB206_55-65	Total/NA	Solid	6020A	460777

General Chemistry

Analysis Batch: 458120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-1	WRSB222_0-0.5	Total/NA	Solid	Moisture	
160-37055-2	WRSB222_0.5-3	Total/NA	Solid	Moisture	
160-37055-3	WRSB222-FD_0.5-3	Total/NA	Solid	Moisture	
160-37055-4	WRSB222_3-6	Total/NA	Solid	Moisture	

Eurofins TestAmerica, St. Louis

QC Association Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

General Chemistry (Continued)

Analysis Batch: 458120 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-6	WRSB212_0-0.5	Total/NA	Solid	Moisture	1
160-37055-7	WRSB212_0.5-3	Total/NA	Solid	Moisture	2
160-37055-8	WRSB212_3-6	Total/NA	Solid	Moisture	3
160-37055-9	WRSB212_6-15	Total/NA	Solid	Moisture	4
160-37055-10	WRSB230_0-0.5	Total/NA	Solid	Moisture	5
160-37055-11	WRSB230_0.5-3	Total/NA	Solid	Moisture	6
160-37055-12	WRSB230_3-6	Total/NA	Solid	Moisture	7
160-37055-13	WRSB230-FD_3-6	Total/NA	Solid	Moisture	8
160-37055-14	WRSB230_6-15	Total/NA	Solid	Moisture	9
160-37055-15	WRSB226_0-0.5	Total/NA	Solid	Moisture	10
160-37055-16	WRSB226_0.5-3	Total/NA	Solid	Moisture	11
160-37055-17	WRSB226_3-6	Total/NA	Solid	Moisture	12
160-37055-18	WRSB226_6-15	Total/NA	Solid	Moisture	13
160-37055-19	WRSB232_0-0.5	Total/NA	Solid	Moisture	14
160-37055-20	WRSB232_0.5-3	Total/NA	Solid	Moisture	15
160-37055-17 DU	WRSB226_3-6	Total/NA	Solid	Moisture	

Analysis Batch: 458135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-21	WRSB232_3-6	Total/NA	Solid	Moisture	13
160-37055-22	WRSB232_6-15	Total/NA	Solid	Moisture	14
160-37055-23	WRSB232-FD_6-15	Total/NA	Solid	Moisture	15
160-37055-24	WRSB236_0-0.5	Total/NA	Solid	Moisture	
160-37055-25	WRSB236_0.5-3	Total/NA	Solid	Moisture	
160-37055-26	WRSB236_3-6	Total/NA	Solid	Moisture	
160-37055-27	WRSB236-FD_3-6	Total/NA	Solid	Moisture	
160-37055-28	WRSB236_6-15	Total/NA	Solid	Moisture	
160-37055-29	WRSB240_0-0.5	Total/NA	Solid	Moisture	
160-37055-30	WRSB240-FD_0-0.5	Total/NA	Solid	Moisture	
160-37055-31	WRSB240_0.5-3	Total/NA	Solid	Moisture	
160-37055-32	WRSB240_3-6	Total/NA	Solid	Moisture	
160-37055-33	WRSB240_6-15	Total/NA	Solid	Moisture	
160-37055-34	WRSB206_0-0.5	Total/NA	Solid	Moisture	
160-37055-35	WRSB206_0.5-3	Total/NA	Solid	Moisture	
160-37055-36	WRSB206_3-6	Total/NA	Solid	Moisture	
160-37055-37	WRSB206_6-15	Total/NA	Solid	Moisture	
160-37055-38	WRSB206-FD_6-15	Total/NA	Solid	Moisture	
160-37055-39	WRSB206_15-25	Total/NA	Solid	Moisture	
160-37055-40	WRSB206_25-35	Total/NA	Solid	Moisture	
160-37055-21 DU	WRSB232_3-6	Total/NA	Solid	Moisture	

Analysis Batch: 458144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-41	WRSB206_45-55	Total/NA	Solid	Moisture	
160-37055-42	WRSB206_55-65	Total/NA	Solid	Moisture	
160-37055-43	WRSB206_65-75	Total/NA	Solid	Moisture	
160-37055-44	WRSB206_75-85	Total/NA	Solid	Moisture	
160-37055-45	WRSB206_85-95	Total/NA	Solid	Moisture	
160-37055-46	WRSB206_95-105	Total/NA	Solid	Moisture	
160-37055-47	WRSB206_105-115	Total/NA	Solid	Moisture	
160-37055-48	WRSB206_115-125	Total/NA	Solid	Moisture	

Eurofins TestAmerica, St. Louis

QC Association Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

General Chemistry (Continued)

Analysis Batch: 458144 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-49	WRSB206-FD_115-125	Total/NA	Solid	Moisture	
160-37055-50	WRSB206_35-45	Total/NA	Solid	Moisture	
160-37055-51	WRSB224_0-0.5	Total/NA	Solid	Moisture	
160-37055-52	WRSB224_0.5-3	Total/NA	Solid	Moisture	
160-37055-53	WRSB224_3-6	Total/NA	Solid	Moisture	
160-37055-54	WRSB224-FD_3-6	Total/NA	Solid	Moisture	
160-37055-55	WRSB224_6-15	Total/NA	Solid	Moisture	
160-37055-56	WRSB219_0-0.5	Total/NA	Solid	Moisture	
160-37055-57	WRSB219_0.5-3	Total/NA	Solid	Moisture	
160-37055-58	WRSB219_3-6	Total/NA	Solid	Moisture	
160-37055-59	WRSB219_6-15	Total/NA	Solid	Moisture	
160-37055-60	WRSB220_0-0.5	Total/NA	Solid	Moisture	
160-37055-42 DU	WRSB206_55-65	Total/NA	Solid	Moisture	

Analysis Batch: 458149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-61	WRSB220_0.5-3	Total/NA	Solid	Moisture	
160-37055-62	WRSB220_3-6	Total/NA	Solid	Moisture	
160-37055-63	WRSB220-FD_3-6	Total/NA	Solid	Moisture	
160-37055-64	WRSB220_6-15	Total/NA	Solid	Moisture	
160-37055-65	WRSB231_0-0.5	Total/NA	Solid	Moisture	
160-37055-66	WRSB231_0.5-3	Total/NA	Solid	Moisture	
160-37055-67	WRSB231_3-6	Total/NA	Solid	Moisture	
160-37055-68	WRSB231_6-15	Total/NA	Solid	Moisture	
160-37055-61 DU	WRSB220_0.5-3	Total/NA	Solid	Moisture	

Analysis Batch: 458319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-5	WRSB222_6-15	Total/NA	Solid	Moisture	
160-37055-5 DU	WRSB222_6-15	Total/NA	Solid	Moisture	

Rad

Leach Batch: 458011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-1	WRSB222_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-2	WRSB222_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-3	WRSB222-FD_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-4	WRSB222_3-6	Total/NA	Solid	Dry and Grind	
160-37055-5	WRSB222_6-15	Total/NA	Solid	Dry and Grind	
160-37055-6	WRSB212_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-7	WRSB212_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-8	WRSB212_3-6	Total/NA	Solid	Dry and Grind	
160-37055-9	WRSB212_6-15	Total/NA	Solid	Dry and Grind	
160-37055-10	WRSB230_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-11	WRSB230_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-12	WRSB230_3-6	Total/NA	Solid	Dry and Grind	
160-37055-13	WRSB230-FD_3-6	Total/NA	Solid	Dry and Grind	
160-37055-14	WRSB230_6-15	Total/NA	Solid	Dry and Grind	
160-37055-15	WRSB226_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-16	WRSB226_0.5-3	Total/NA	Solid	Dry and Grind	

Eurofins TestAmerica, St. Louis

QC Association Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Rad (Continued)

Leach Batch: 458011 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-17	WRSB226_3-6	Total/NA	Solid	Dry and Grind	
160-37055-18	WRSB226_6-15	Total/NA	Solid	Dry and Grind	
160-37055-19	WRSB232_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-20	WRSB232_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-21	WRSB232_3-6	Total/NA	Solid	Dry and Grind	
160-37055-22	WRSB232_6-15	Total/NA	Solid	Dry and Grind	
160-37055-23	WRSB232-FD_6-15	Total/NA	Solid	Dry and Grind	
160-37055-24	WRSB236_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-25	WRSB236_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-26	WRSB236_3-6	Total/NA	Solid	Dry and Grind	
160-37055-27	WRSB236-FD_3-6	Total/NA	Solid	Dry and Grind	
160-37055-28	WRSB236_6-15	Total/NA	Solid	Dry and Grind	
160-37055-29	WRSB240_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-30	WRSB240-FD_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-31	WRSB240_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-32	WRSB240_3-6	Total/NA	Solid	Dry and Grind	
160-37055-33	WRSB240_6-15	Total/NA	Solid	Dry and Grind	
160-37055-34	WRSB206_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-35	WRSB206_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-36	WRSB206_3-6	Total/NA	Solid	Dry and Grind	
160-37055-37	WRSB206_6-15	Total/NA	Solid	Dry and Grind	
160-37055-38	WRSB206-FD_6-15	Total/NA	Solid	Dry and Grind	
160-37055-39	WRSB206_15-25	Total/NA	Solid	Dry and Grind	
160-37055-40	WRSB206_25-35	Total/NA	Solid	Dry and Grind	
160-37055-5 DU	WRSB222_6-15	Total/NA	Solid	Dry and Grind	
160-37055-17 DU	WRSB226_3-6	Total/NA	Solid	Dry and Grind	
160-37055-21 DU	WRSB232_3-6	Total/NA	Solid	Dry and Grind	

Leach Batch: 458026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-41	WRSB206_45-55	Total/NA	Solid	Dry and Grind	
160-37055-42	WRSB206_55-65	Total/NA	Solid	Dry and Grind	
160-37055-43	WRSB206_65-75	Total/NA	Solid	Dry and Grind	
160-37055-44	WRSB206_75-85	Total/NA	Solid	Dry and Grind	
160-37055-45	WRSB206_85-95	Total/NA	Solid	Dry and Grind	
160-37055-46	WRSB206_95-105	Total/NA	Solid	Dry and Grind	
160-37055-47	WRSB206_105-115	Total/NA	Solid	Dry and Grind	
160-37055-48	WRSB206_115-125	Total/NA	Solid	Dry and Grind	
160-37055-49	WRSB206-FD_115-125	Total/NA	Solid	Dry and Grind	
160-37055-50	WRSB206_35-45	Total/NA	Solid	Dry and Grind	
160-37055-51	WRSB224_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-52	WRSB224_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-53	WRSB224_3-6	Total/NA	Solid	Dry and Grind	
160-37055-54	WRSB224-FD_3-6	Total/NA	Solid	Dry and Grind	
160-37055-55	WRSB224_6-15	Total/NA	Solid	Dry and Grind	
160-37055-56	WRSB219_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-57	WRSB219_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-58	WRSB219_3-6	Total/NA	Solid	Dry and Grind	
160-37055-59	WRSB219_6-15	Total/NA	Solid	Dry and Grind	
160-37055-60	WRSB220_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-61	WRSB220_0.5-3	Total/NA	Solid	Dry and Grind	

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QC Association Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Rad (Continued)

Leach Batch: 458026 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-62	WRSB220_3-6	Total/NA	Solid	Dry and Grind	
160-37055-63	WRSB220-FD_3-6	Total/NA	Solid	Dry and Grind	
160-37055-64	WRSB220_6-15	Total/NA	Solid	Dry and Grind	
160-37055-65	WRSB231_0-0.5	Total/NA	Solid	Dry and Grind	
160-37055-66	WRSB231_0.5-3	Total/NA	Solid	Dry and Grind	
160-37055-67	WRSB231_3-6	Total/NA	Solid	Dry and Grind	
160-37055-68	WRSB231_6-15	Total/NA	Solid	Dry and Grind	
160-37055-42 DU	WRSB206_55-65	Total/NA	Solid	Dry and Grind	
160-37055-57 DU	WRSB219_0.5-3	Total/NA	Solid	Dry and Grind	

Prep Batch: 458208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-1	WRSB222_0-0.5	Total/NA	Solid	Fill_Geo-21	458011
160-37055-2	WRSB222_0.5-3	Total/NA	Solid	Fill_Geo-21	458011
160-37055-3	WRSB222-FD_0.5-3	Total/NA	Solid	Fill_Geo-21	458011
160-37055-4	WRSB222_3-6	Total/NA	Solid	Fill_Geo-21	458011
160-37055-5	WRSB222_6-15	Total/NA	Solid	Fill_Geo-21	458011
160-37055-6	WRSB212_0-0.5	Total/NA	Solid	Fill_Geo-21	458011
160-37055-7	WRSB212_0.5-3	Total/NA	Solid	Fill_Geo-21	458011
160-37055-8	WRSB212_3-6	Total/NA	Solid	Fill_Geo-21	458011
160-37055-9	WRSB212_6-15	Total/NA	Solid	Fill_Geo-21	458011
160-37055-10	WRSB230_0-0.5	Total/NA	Solid	Fill_Geo-21	458011
160-37055-11	WRSB230_0.5-3	Total/NA	Solid	Fill_Geo-21	458011
160-37055-12	WRSB230_3-6	Total/NA	Solid	Fill_Geo-21	458011
160-37055-13	WRSB230-FD_3-6	Total/NA	Solid	Fill_Geo-21	458011
160-37055-14	WRSB230_6-15	Total/NA	Solid	Fill_Geo-21	458011
160-37055-15	WRSB226_0-0.5	Total/NA	Solid	Fill_Geo-21	458011
160-37055-16	WRSB226_0.5-3	Total/NA	Solid	Fill_Geo-21	458011
160-37055-17	WRSB226_3-6	Total/NA	Solid	Fill_Geo-21	458011
160-37055-18	WRSB226_6-15	Total/NA	Solid	Fill_Geo-21	458011
MB 160-458208/1-A	Method Blank	Total/NA	Solid	Fill_Geo-21	
LCS 160-458208/2-A	Lab Control Sample	Total/NA	Solid	Fill_Geo-21	
160-37055-5 DU	WRSB222_6-15	Total/NA	Solid	Fill_Geo-21	458011
160-37055-17 DU	WRSB226_3-6	Total/NA	Solid	Fill_Geo-21	458011

Prep Batch: 458209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-19	WRSB232_0-0.5	Total/NA	Solid	Fill_Geo-21	458011
160-37055-20	WRSB232_0.5-3	Total/NA	Solid	Fill_Geo-21	458011
160-37055-21	WRSB232_3-6	Total/NA	Solid	Fill_Geo-21	458011
160-37055-22	WRSB232_6-15	Total/NA	Solid	Fill_Geo-21	458011
160-37055-23	WRSB232-FD_6-15	Total/NA	Solid	Fill_Geo-21	458011
160-37055-24	WRSB236_0-0.5	Total/NA	Solid	Fill_Geo-21	458011
160-37055-25	WRSB236_0.5-3	Total/NA	Solid	Fill_Geo-21	458011
160-37055-26	WRSB236_3-6	Total/NA	Solid	Fill_Geo-21	458011
160-37055-27	WRSB236-FD_3-6	Total/NA	Solid	Fill_Geo-21	458011
160-37055-28	WRSB236_6-15	Total/NA	Solid	Fill_Geo-21	458011
160-37055-29	WRSB240_0-0.5	Total/NA	Solid	Fill_Geo-21	458011
160-37055-30	WRSB240-FD_0-0.5	Total/NA	Solid	Fill_Geo-21	458011
160-37055-31	WRSB240_0.5-3	Total/NA	Solid	Fill_Geo-21	458011
160-37055-32	WRSB240_3-6	Total/NA	Solid	Fill_Geo-21	458011

Eurofins TestAmerica, St. Louis

QC Association Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Rad (Continued)

Prep Batch: 458211 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-33	WRSB240_6-15	Total/NA	Solid	Fill_Geo-21	458011
160-37055-34	WRSB206_0-0.5	Total/NA	Solid	Fill_Geo-21	458011
160-37055-35	WRSB206_0.5-3	Total/NA	Solid	Fill_Geo-21	458011
160-37055-36	WRSB206_3-6	Total/NA	Solid	Fill_Geo-21	458011
160-37055-37	WRSB206_6-15	Total/NA	Solid	Fill_Geo-21	458011
MB 160-458211/1-A	Method Blank	Total/NA	Solid	Fill_Geo-21	
LCS 160-458211/2-A	Lab Control Sample	Total/NA	Solid	Fill_Geo-21	
160-37055-21 DU	WRSB232_3-6	Total/NA	Solid	Fill_Geo-21	458011

Prep Batch: 458212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-38	WRSB206-FD_6-15	Total/NA	Solid	Fill_Geo-21	458011
160-37055-39	WRSB206_15-25	Total/NA	Solid	Fill_Geo-21	458011
160-37055-40	WRSB206_25-35	Total/NA	Solid	Fill_Geo-21	458011
160-37055-41	WRSB206_45-55	Total/NA	Solid	Fill_Geo-21	458026
160-37055-42	WRSB206_55-65	Total/NA	Solid	Fill_Geo-21	458026
160-37055-43	WRSB206_65-75	Total/NA	Solid	Fill_Geo-21	458026
160-37055-44	WRSB206_75-85	Total/NA	Solid	Fill_Geo-21	458026
160-37055-45	WRSB206_85-95	Total/NA	Solid	Fill_Geo-21	458026
160-37055-46	WRSB206_95-105	Total/NA	Solid	Fill_Geo-21	458026
160-37055-47	WRSB206_105-115	Total/NA	Solid	Fill_Geo-21	458026
160-37055-48	WRSB206_115-125	Total/NA	Solid	Fill_Geo-21	458026
160-37055-49	WRSB206-FD_115-125	Total/NA	Solid	Fill_Geo-21	458026
160-37055-50	WRSB206_35-45	Total/NA	Solid	Fill_Geo-21	458026
160-37055-51	WRSB224_0-0.5	Total/NA	Solid	Fill_Geo-21	458026
160-37055-52	WRSB224_0.5-3	Total/NA	Solid	Fill_Geo-21	458026
160-37055-53	WRSB224_3-6	Total/NA	Solid	Fill_Geo-21	458026
160-37055-54	WRSB224-FD_3-6	Total/NA	Solid	Fill_Geo-21	458026
160-37055-55	WRSB224_6-15	Total/NA	Solid	Fill_Geo-21	458026
160-37055-56	WRSB219_0-0.5	Total/NA	Solid	Fill_Geo-21	458026
MB 160-458212/1-A	Method Blank	Total/NA	Solid	Fill_Geo-21	
LCS 160-458212/2-A	Lab Control Sample	Total/NA	Solid	Fill_Geo-21	
160-37055-42 DU	WRSB206_55-65	Total/NA	Solid	Fill_Geo-21	458026

Prep Batch: 458213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-37055-57	WRSB219_0.5-3	Total/NA	Solid	Fill_Geo-21	458026
160-37055-58	WRSB219_3-6	Total/NA	Solid	Fill_Geo-21	458026
160-37055-59	WRSB219_6-15	Total/NA	Solid	Fill_Geo-21	458026
160-37055-60	WRSB220_0-0.5	Total/NA	Solid	Fill_Geo-21	458026
160-37055-61	WRSB220_0.5-3	Total/NA	Solid	Fill_Geo-21	458026
160-37055-62	WRSB220_3-6	Total/NA	Solid	Fill_Geo-21	458026
160-37055-63	WRSB220-FD_3-6	Total/NA	Solid	Fill_Geo-21	458026
160-37055-64	WRSB220_6-15	Total/NA	Solid	Fill_Geo-21	458026
160-37055-65	WRSB231_0-0.5	Total/NA	Solid	Fill_Geo-21	458026
160-37055-66	WRSB231_0.5-3	Total/NA	Solid	Fill_Geo-21	458026
160-37055-67	WRSB231_3-6	Total/NA	Solid	Fill_Geo-21	458026
160-37055-68	WRSB231_6-15	Total/NA	Solid	Fill_Geo-21	458026
MB 160-458213/1-A	Method Blank	Total/NA	Solid	Fill_Geo-21	
LCS 160-458213/2-A	Lab Control Sample	Total/NA	Solid	Fill_Geo-21	
160-37055-57 DU	WRSB219_0.5-3	Total/NA	Solid	Fill_Geo-21	458026

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Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB222_0-0.5

Date Collected: 01/15/20 10:37

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460609	02/17/20 06:42	KLS	TAL SL

Client Sample ID: WRSB222_0-0.5

Date Collected: 01/15/20 10:37

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-1

Matrix: Solid

Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 19:53	LKP	TAL SL

Client Sample ID: WRSB222_0.5-3

Date Collected: 01/15/20 10:42

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460610	02/17/20 06:43	KLS	TAL SL

Client Sample ID: WRSB222_0.5-3

Date Collected: 01/15/20 10:42

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-2

Matrix: Solid

Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 20:00	LKP	TAL SL

Client Sample ID: WRSB222-FD_0.5-3

Date Collected: 01/15/20 10:44

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 06:44	KLS	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB222-FD_0.5-3

Date Collected: 01/15/20 10:44

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-3

Matrix: Solid

Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 20:07	LKP	TAL SL

Client Sample ID: WRSB222_3-6

Date Collected: 01/15/20 10:54

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460611	02/17/20 07:11	KLS	TAL SL

Client Sample ID: WRSB222_3-6

Date Collected: 01/15/20 10:54

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-4

Matrix: Solid

Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 20:13	LKP	TAL SL

Client Sample ID: WRSB222_6-15

Lab Sample ID: 160-37055-5

Matrix: Solid

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458319	01/28/20 09:33	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460612	02/17/20 07:13	KLS	TAL SL

Client Sample ID: WRSB222_6-15

Lab Sample ID: 160-37055-5

Matrix: Solid

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 20:20	LKP	TAL SL

Client Sample ID: WRSB212_0-0.5

Lab Sample ID: 160-37055-6

Matrix: Solid

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL

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Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB212_0-0.5

Date Collected: 01/15/20 12:18

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460609	02/17/20 07:14	KLS	TAL SL

Client Sample ID: WRSB212_0-0.5

Date Collected: 01/15/20 12:18

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-6

Matrix: Solid

Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 20:54	LKP	TAL SL

Client Sample ID: WRSB212_0.5-3

Date Collected: 01/15/20 12:26

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460610	02/17/20 07:16	KLS	TAL SL

Client Sample ID: WRSB212_0.5-3

Date Collected: 01/15/20 12:26

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-7

Matrix: Solid

Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 21:20	LKP	TAL SL

Client Sample ID: WRSB212_3-6

Date Collected: 01/15/20 12:29

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 07:16	KLS	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB212_3-6

Date Collected: 01/15/20 12:29
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-8

Matrix: Solid
 Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 21:27	LKP	TAL SL

Client Sample ID: WRSB212_6-15

Date Collected: 01/15/20 12:41
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460612	02/17/20 07:47	KLS	TAL SL

Client Sample ID: WRSB212_6-15

Date Collected: 01/15/20 12:41
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-9

Matrix: Solid
 Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 21:34	LKP	TAL SL

Client Sample ID: WRSB230_0-0.5

Date Collected: 01/16/20 09:26
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460609	02/17/20 07:49	KLS	TAL SL

Client Sample ID: WRSB230_0-0.5

Date Collected: 01/16/20 09:26
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-10

Matrix: Solid
 Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 21:41	LKP	TAL SL

Client Sample ID: WRSB230_0.5-3

Date Collected: 01/16/20 09:30
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB230_0.5-3

Lab Sample ID: 160-37055-11

Matrix: Solid

Date Collected: 01/16/20 09:30

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460610	02/17/20 07:50	KLS	TAL SL

Client Sample ID: WRSB230_0.5-3

Lab Sample ID: 160-37055-11

Matrix: Solid

Date Collected: 01/16/20 09:30

Date Received: 01/23/20 09:00

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 21:47	LKP	TAL SL

Client Sample ID: WRSB230_3-6

Lab Sample ID: 160-37055-12

Matrix: Solid

Date Collected: 01/16/20 09:40

Date Received: 01/23/20 09:00

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 07:47	KLS	TAL SL

Client Sample ID: WRSB230_3-6

Lab Sample ID: 160-37055-12

Matrix: Solid

Date Collected: 01/16/20 09:40

Date Received: 01/23/20 09:00

Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 21:54	LKP	TAL SL

Client Sample ID: WRSB230-FD_3-6

Lab Sample ID: 160-37055-13

Matrix: Solid

Date Collected: 01/16/20 09:42

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460611	02/17/20 08:17	KLS	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB230-FD_3-6

Date Collected: 01/16/20 09:42
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-13

Matrix: Solid

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 22:01	LKP	TAL SL

Client Sample ID: WRSB230_6-15

Date Collected: 01/16/20 09:46
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460612	02/17/20 08:20	KLS	TAL SL

Client Sample ID: WRSB230_6-15

Date Collected: 01/16/20 09:46
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-14

Matrix: Solid

Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 22:08	LKP	TAL SL

Client Sample ID: WRSB226_0-0.5

Date Collected: 01/17/20 09:27
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460609	02/17/20 08:23	KLS	TAL SL

Client Sample ID: WRSB226_0-0.5

Date Collected: 01/17/20 09:27
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-15

Matrix: Solid

Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:13	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 22:14	LKP	TAL SL

Client Sample ID: WRSB226_0.5-3

Date Collected: 01/17/20 09:35
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL

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Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB226_0.5-3

Lab Sample ID: 160-37055-16

Matrix: Solid

Date Collected: 01/17/20 09:35

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460610	02/17/20 08:23	KLS	TAL SL

Client Sample ID: WRSB226_0.5-3

Lab Sample ID: 160-37055-16

Matrix: Solid

Date Collected: 01/17/20 09:35

Date Received: 01/23/20 09:00

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:15	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 22:21	LKP	TAL SL

Client Sample ID: WRSB226_3-6

Lab Sample ID: 160-37055-17

Matrix: Solid

Date Collected: 01/17/20 09:42

Date Received: 01/23/20 09:00

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 08:21	KLS	TAL SL

Client Sample ID: WRSB226_3-6

Lab Sample ID: 160-37055-17

Matrix: Solid

Date Collected: 01/17/20 09:42

Date Received: 01/23/20 09:00

Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 23:28	LKP	TAL SL

Client Sample ID: WRSB226_6-15

Lab Sample ID: 160-37055-18

Matrix: Solid

Date Collected: 01/17/20 09:48

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458208	01/27/20 15:58	PMS	TAL SL
Total/NA	Analysis	901.1		1	460573	02/17/20 08:22	AJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB226_6-15

Date Collected: 01/17/20 09:48
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-18

Matrix: Solid

Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:16	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 22:48	LKP	TAL SL

Client Sample ID: WRSB232_0-0.5

Date Collected: 01/17/20 10:40
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460609	02/17/20 08:56	KLS	TAL SL

Client Sample ID: WRSB232_0-0.5

Date Collected: 01/17/20 10:40
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-19

Matrix: Solid

Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:16	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 22:55	LKP	TAL SL

Client Sample ID: WRSB232_0.5-3

Date Collected: 01/17/20 10:43
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458120	01/27/20 06:54	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460610	02/17/20 08:56	KLS	TAL SL

Client Sample ID: WRSB232_0.5-3

Date Collected: 01/17/20 10:43
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-20

Matrix: Solid

Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460771	02/18/20 10:16	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/19/20 23:01	LKP	TAL SL

Client Sample ID: WRSB232_3-6

Date Collected: 01/17/20 10:46
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL

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Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB232_3-6

Date Collected: 01/17/20 10:46

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460574	02/17/20 08:50	AJD	TAL SL

Client Sample ID: WRSB232_3-6

Date Collected: 01/17/20 10:46

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-21

Matrix: Solid

Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 06:12	LKP	TAL SL

Client Sample ID: WRSB232_6-15

Date Collected: 01/17/20 10:50

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460572	02/17/20 08:53	AJD	TAL SL

Client Sample ID: WRSB232_6-15

Date Collected: 01/17/20 10:50

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-22

Matrix: Solid

Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 00:22	LKP	TAL SL

Client Sample ID: WRSB232-FD_6-15

Date Collected: 01/17/20 10:52

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460573	02/17/20 08:55	AJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB232-FD_6-15

Date Collected: 01/17/20 10:52
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-23

Matrix: Solid

Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 00:29	LKP	TAL SL

Client Sample ID: WRSB236_0-0.5

Date Collected: 01/20/20 14:14
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 08:52	KLS	TAL SL

Client Sample ID: WRSB236_0-0.5

Date Collected: 01/20/20 14:14
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-24

Matrix: Solid

Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 00:36	LKP	TAL SL

Client Sample ID: WRSB236_0.5-3

Date Collected: 01/20/20 14:18
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460612	02/17/20 09:33	KLS	TAL SL

Client Sample ID: WRSB236_0.5-3

Date Collected: 01/20/20 14:18
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-25

Matrix: Solid

Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 00:42	LKP	TAL SL

Client Sample ID: WRSB236_3-6

Date Collected: 01/20/20 14:25
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL

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Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB236_3-6

Lab Sample ID: 160-37055-26

Matrix: Solid

Date Collected: 01/20/20 14:25

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460609	02/17/20 09:38	KLS	TAL SL

Client Sample ID: WRSB236_3-6

Lab Sample ID: 160-37055-26

Matrix: Solid

Date Collected: 01/20/20 14:25

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 00:49	LKP	TAL SL

Client Sample ID: WRSB236-FD_3-6

Lab Sample ID: 160-37055-27

Matrix: Solid

Date Collected: 01/20/20 14:27

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460610	02/17/20 09:39	KLS	TAL SL

Client Sample ID: WRSB236-FD_3-6

Lab Sample ID: 160-37055-27

Matrix: Solid

Date Collected: 01/20/20 14:27

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 00:56	LKP	TAL SL

Client Sample ID: WRSB236_6-15

Lab Sample ID: 160-37055-28

Matrix: Solid

Date Collected: 01/20/20 14:33

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460574	02/17/20 09:34	AJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB236_6-15

Date Collected: 01/20/20 14:33
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-28

Matrix: Solid

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 01:02	LKP	TAL SL

Client Sample ID: WRSB240_0-0.5

Date Collected: 01/21/20 08:13
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460572	02/17/20 09:35	AJD	TAL SL

Client Sample ID: WRSB240_0-0.5

Date Collected: 01/21/20 08:13
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-29

Matrix: Solid

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 01:09	LKP	TAL SL

Client Sample ID: WRSB240-FD_0-0.5

Date Collected: 01/21/20 08:15
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460573	02/17/20 09:37	AJD	TAL SL

Client Sample ID: WRSB240-FD_0-0.5

Date Collected: 01/21/20 08:15
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-30

Matrix: Solid

Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 01:16	LKP	TAL SL

Client Sample ID: WRSB240_0.5-3

Date Collected: 01/21/20 08:21
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB240_0.5-3

Lab Sample ID: 160-37055-31

Matrix: Solid

Date Collected: 01/21/20 08:21

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 09:37	KLS	TAL SL

Client Sample ID: WRSB240_0.5-3

Lab Sample ID: 160-37055-31

Matrix: Solid

Date Collected: 01/21/20 08:21

Date Received: 01/23/20 09:00

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 01:43	LKP	TAL SL

Client Sample ID: WRSB240_3-6

Lab Sample ID: 160-37055-32

Matrix: Solid

Date Collected: 01/21/20 08:26

Date Received: 01/23/20 09:00

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460611	02/17/20 10:15	KLS	TAL SL

Client Sample ID: WRSB240_3-6

Lab Sample ID: 160-37055-32

Matrix: Solid

Date Collected: 01/21/20 08:26

Date Received: 01/23/20 09:00

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 01:49	LKP	TAL SL

Client Sample ID: WRSB240_6-15

Lab Sample ID: 160-37055-33

Matrix: Solid

Date Collected: 01/21/20 08:32

Date Received: 01/23/20 09:00

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460612	02/17/20 10:16	KLS	TAL SL

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Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB240_6-15

Date Collected: 01/21/20 08:32

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-33

Matrix: Solid

Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 01:56	LKP	TAL SL

Client Sample ID: WRSB206_0-0.5

Date Collected: 01/21/20 10:48

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460574	02/17/20 10:17	AJD	TAL SL

Client Sample ID: WRSB206_0-0.5

Date Collected: 01/21/20 10:48

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-34

Matrix: Solid

Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 02:03	LKP	TAL SL

Client Sample ID: WRSB206_0.5-3

Date Collected: 01/21/20 10:58

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460572	02/17/20 10:18	AJD	TAL SL

Client Sample ID: WRSB206_0.5-3

Date Collected: 01/21/20 10:58

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-35

Matrix: Solid

Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 02:10	LKP	TAL SL

Client Sample ID: WRSB206_3-6

Date Collected: 01/21/20 11:05

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL

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Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB206_3-6

Lab Sample ID: 160-37055-36

Matrix: Solid

Date Collected: 01/21/20 11:05

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460573	02/17/20 10:20	AJD	TAL SL

Client Sample ID: WRSB206_3-6

Lab Sample ID: 160-37055-36

Matrix: Solid

Date Collected: 01/21/20 11:05

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 02:16	LKP	TAL SL

Client Sample ID: WRSB206_6-15

Lab Sample ID: 160-37055-37

Matrix: Solid

Date Collected: 01/21/20 11:19

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:28	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458211	01/27/20 17:17	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 10:18	KLS	TAL SL

Client Sample ID: WRSB206_6-15

Lab Sample ID: 160-37055-37

Matrix: Solid

Date Collected: 01/21/20 11:19

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 02:23	LKP	TAL SL

Client Sample ID: WRSB206-FD_6-15

Lab Sample ID: 160-37055-38

Matrix: Solid

Date Collected: 01/21/20 11:21

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:30	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460611	02/17/20 10:56	KLS	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB206-FD_6-15

Date Collected: 01/21/20 11:21

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-38

Matrix: Solid

Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 02:30	LKP	TAL SL

Client Sample ID: WRSB206_15-25

Date Collected: 01/21/20 11:42

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:30	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460612	02/17/20 10:57	KLS	TAL SL

Client Sample ID: WRSB206_15-25

Date Collected: 01/21/20 11:42

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-39

Matrix: Solid

Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460774	02/18/20 10:21	LAM	TAL SL
Total/NA	Analysis	6020A		2	461292	02/20/20 02:36	LKP	TAL SL

Client Sample ID: WRSB206_25-35

Date Collected: 01/21/20 11:52

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458135	01/27/20 08:04	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458011	01/24/20 11:30	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460609	02/17/20 11:03	KLS	TAL SL

Client Sample ID: WRSB206_25-35

Date Collected: 01/21/20 11:52

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-40

Matrix: Solid

Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 06:45	LKP	TAL SL

Client Sample ID: WRSB206_45-55

Date Collected: 01/21/20 13:13

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-41

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL

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Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB206_45-55

Date Collected: 01/21/20 13:13

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-41

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460610	02/17/20 11:04	KLS	TAL SL

Client Sample ID: WRSB206_45-55

Date Collected: 01/21/20 13:13

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-41

Matrix: Solid

Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 06:52	LKP	TAL SL

Client Sample ID: WRSB206_55-65

Date Collected: 01/21/20 13:26

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-42

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460574	02/17/20 11:00	AJD	TAL SL

Client Sample ID: WRSB206_55-65

Date Collected: 01/21/20 13:26

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-42

Matrix: Solid

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:27	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 09:47	LKP	TAL SL

Client Sample ID: WRSB206_65-75

Date Collected: 01/21/20 13:42

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460575	02/17/20 11:01	AJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB206_65-75

Date Collected: 01/21/20 13:42
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-43

Matrix: Solid

Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 06:59	LKP	TAL SL

Client Sample ID: WRSB206_75-85

Date Collected: 01/21/20 14:02
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-44

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460572	02/17/20 11:02	AJD	TAL SL

Client Sample ID: WRSB206_75-85

Date Collected: 01/21/20 14:02
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-44

Matrix: Solid

Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 07:06	LKP	TAL SL

Client Sample ID: WRSB206_85-95

Date Collected: 01/21/20 14:21
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460573	02/17/20 11:05	AJD	TAL SL

Client Sample ID: WRSB206_85-95

Date Collected: 01/21/20 14:21
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-45

Matrix: Solid

Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 07:12	LKP	TAL SL

Client Sample ID: WRSB206_95-105

Date Collected: 01/21/20 14:38
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-46

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL

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Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB206_95-105

Lab Sample ID: 160-37055-46

Matrix: Solid

Date Collected: 01/21/20 14:38

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 11:02	KLS	TAL SL

Client Sample ID: WRSB206_95-105

Lab Sample ID: 160-37055-46

Matrix: Solid

Date Collected: 01/21/20 14:38

Date Received: 01/23/20 09:00

Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 07:39	LKP	TAL SL

Client Sample ID: WRSB206_105-115

Lab Sample ID: 160-37055-47

Matrix: Solid

Date Collected: 01/21/20 15:06

Date Received: 01/23/20 09:00

Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460612	02/17/20 11:35	KLS	TAL SL

Client Sample ID: WRSB206_105-115

Lab Sample ID: 160-37055-47

Matrix: Solid

Date Collected: 01/21/20 15:06

Date Received: 01/23/20 09:00

Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 07:46	LKP	TAL SL

Client Sample ID: WRSB206_115-125

Lab Sample ID: 160-37055-48

Matrix: Solid

Date Collected: 01/21/20 15:28

Date Received: 01/23/20 09:00

Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460609	02/17/20 11:39	KLS	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB206_115-125

Date Collected: 01/21/20 15:28
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-48

Matrix: Solid

Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 07:53	LKP	TAL SL

Client Sample ID: WRSB206-FD_115-125

Date Collected: 01/21/20 15:30
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460610	02/17/20 11:42	KLS	TAL SL

Client Sample ID: WRSB206-FD_115-125

Date Collected: 01/21/20 15:30
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-49

Matrix: Solid

Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 07:59	LKP	TAL SL

Client Sample ID: WRSB206_35-45

Date Collected: 01/21/20 13:03
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460574	02/17/20 11:35	AJD	TAL SL

Client Sample ID: WRSB206_35-45

Date Collected: 01/21/20 13:03
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-50

Matrix: Solid

Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 08:06	LKP	TAL SL

Client Sample ID: WRSB224_0-0.5

Date Collected: 01/21/20 09:23
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-51

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB224_0-0.5

Lab Sample ID: 160-37055-51

Matrix: Solid

Date Collected: 01/21/20 09:23

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460575	02/17/20 11:36	AJD	TAL SL

Client Sample ID: WRSB224_0-0.5

Lab Sample ID: 160-37055-51

Matrix: Solid

Date Collected: 01/21/20 09:23

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 08:13	LKP	TAL SL

Client Sample ID: WRSB224_0.5-3

Lab Sample ID: 160-37055-52

Matrix: Solid

Date Collected: 01/21/20 09:30

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460572	02/17/20 11:37	AJD	TAL SL

Client Sample ID: WRSB224_0.5-3

Lab Sample ID: 160-37055-52

Matrix: Solid

Date Collected: 01/21/20 09:30

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 08:19	LKP	TAL SL

Client Sample ID: WRSB224_3-6

Lab Sample ID: 160-37055-53

Matrix: Solid

Date Collected: 01/21/20 09:38

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460573	02/17/20 11:39	AJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB224_3-6

Date Collected: 01/21/20 09:38
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-53

Matrix: Solid

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 08:26	LKP	TAL SL

Client Sample ID: WRSB224-FD_3-6

Date Collected: 01/21/20 09:40
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-54

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 11:38	KLS	TAL SL

Client Sample ID: WRSB224-FD_3-6

Date Collected: 01/21/20 09:40
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-54

Matrix: Solid

Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 08:33	LKP	TAL SL

Client Sample ID: WRSB224_6-15

Date Collected: 01/21/20 09:44
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-55

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460609	02/17/20 12:14	KLS	TAL SL

Client Sample ID: WRSB224_6-15

Date Collected: 01/21/20 09:44
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-55

Matrix: Solid

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 08:40	LKP	TAL SL

Client Sample ID: WRSB219_0-0.5

Date Collected: 01/21/20 10:41
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-56

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB219_0-0.5

Lab Sample ID: 160-37055-56

Matrix: Solid

Date Collected: 01/21/20 10:41

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458212	01/27/20 18:00	PMS	TAL SL
Total/NA	Analysis	901.1		1	460610	02/17/20 12:14	KLS	TAL SL

Client Sample ID: WRSB219_0-0.5

Lab Sample ID: 160-37055-56

Matrix: Solid

Date Collected: 01/21/20 10:41

Date Received: 01/23/20 09:00

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 09:06	LKP	TAL SL

Client Sample ID: WRSB219_0.5-3

Lab Sample ID: 160-37055-57

Matrix: Solid

Date Collected: 01/21/20 11:04

Date Received: 01/23/20 09:00

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460574	02/17/20 12:08	AJD	TAL SL

Client Sample ID: WRSB219_0.5-3

Lab Sample ID: 160-37055-57

Matrix: Solid

Date Collected: 01/21/20 11:04

Date Received: 01/23/20 09:00

Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 09:13	LKP	TAL SL

Client Sample ID: WRSB219_3-6

Lab Sample ID: 160-37055-58

Matrix: Solid

Date Collected: 01/21/20 11:20

Date Received: 01/23/20 09:00

Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460575	02/17/20 12:09	AJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB219_3-6

Date Collected: 01/21/20 11:20
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-58

Matrix: Solid

Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460775	02/18/20 10:24	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 09:20	LKP	TAL SL

Client Sample ID: WRSB219_6-15

Date Collected: 01/21/20 11:26
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-59

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460572	02/17/20 12:12	AJD	TAL SL

Client Sample ID: WRSB219_6-15

Date Collected: 01/21/20 11:26
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-59

Matrix: Solid

Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:27	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 10:41	LKP	TAL SL

Client Sample ID: WRSB220_0-0.5

Date Collected: 01/21/20 13:23
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-60

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458144	01/27/20 08:43	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460573	02/17/20 12:13	AJD	TAL SL

Client Sample ID: WRSB220_0-0.5

Date Collected: 01/21/20 13:23
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-60

Matrix: Solid

Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:27	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 10:47	LKP	TAL SL

Client Sample ID: WRSB220_0.5-3

Date Collected: 01/21/20 13:32
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-61

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458149	01/27/20 09:15	RJD	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB220_0.5-3

Date Collected: 01/21/20 13:32

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-61

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 12:12	KLS	TAL SL

Client Sample ID: WRSB220_0.5-3

Date Collected: 01/21/20 13:32

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-61

Matrix: Solid

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:27	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 10:54	LKP	TAL SL

Client Sample ID: WRSB220_3-6

Date Collected: 01/21/20 13:43

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-62

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458149	01/27/20 09:15	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460612	02/17/20 12:55	KLS	TAL SL

Client Sample ID: WRSB220_3-6

Date Collected: 01/21/20 13:43

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-62

Matrix: Solid

Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:27	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 11:01	LKP	TAL SL

Client Sample ID: WRSB220-FD_3-6

Date Collected: 01/21/20 13:45

Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-63

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458149	01/27/20 09:15	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460716	02/18/20 08:56	KLS	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc
 Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB220-FD_3-6

Date Collected: 01/21/20 13:45
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-63

Matrix: Solid

Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:27	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 11:08	LKP	TAL SL

Client Sample ID: WRSB220_6-15

Date Collected: 01/21/20 13:50
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-64

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458149	01/27/20 09:15	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460610	02/17/20 12:55	KLS	TAL SL

Client Sample ID: WRSB220_6-15

Date Collected: 01/21/20 13:50
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-64

Matrix: Solid

Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:27	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 11:14	LKP	TAL SL

Client Sample ID: WRSB231_0-0.5

Date Collected: 01/21/20 14:46
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-65

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458149	01/27/20 09:15	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460574	02/17/20 12:57	AJD	TAL SL

Client Sample ID: WRSB231_0-0.5

Date Collected: 01/21/20 14:46
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-65

Matrix: Solid

Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:27	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 11:21	LKP	TAL SL

Client Sample ID: WRSB231_0.5-3

Date Collected: 01/21/20 14:55
 Date Received: 01/23/20 09:00

Lab Sample ID: 160-37055-66

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458149	01/27/20 09:15	RJD	TAL SL

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Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB231_0.5-3

Lab Sample ID: 160-37055-66

Matrix: Solid

Date Collected: 01/21/20 14:55

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460575	02/17/20 12:58	AJD	TAL SL

Client Sample ID: WRSB231_0.5-3

Lab Sample ID: 160-37055-66

Matrix: Solid

Date Collected: 01/21/20 14:55

Date Received: 01/23/20 09:00

Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:27	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 11:28	LKP	TAL SL

Client Sample ID: WRSB231_3-6

Lab Sample ID: 160-37055-67

Matrix: Solid

Date Collected: 01/21/20 14:59

Date Received: 01/23/20 09:00

Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458149	01/27/20 09:15	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460572	02/17/20 12:59	AJD	TAL SL

Client Sample ID: WRSB231_3-6

Lab Sample ID: 160-37055-67

Matrix: Solid

Date Collected: 01/21/20 14:59

Date Received: 01/23/20 09:00

Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:28	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 11:35	LKP	TAL SL

Client Sample ID: WRSB231_6-15

Lab Sample ID: 160-37055-68

Matrix: Solid

Date Collected: 01/21/20 15:04

Date Received: 01/23/20 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	458149	01/27/20 09:15	RJD	TAL SL
Total/NA	Leach	Dry and Grind			458026	01/24/20 13:15	EJQ	TAL SL
Total/NA	Prep	Fill_Geo-21			458213	01/27/20 18:52	PMS	TAL SL
Total/NA	Analysis	901.1		1	460613	02/17/20 12:57	KLS	TAL SL

Eurofins TestAmerica, St. Louis

Lab Chronicle

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Client Sample ID: WRSB231_6-15

Lab Sample ID: 160-37055-68

Date Collected: 01/21/20 15:04

Matrix: Solid

Date Received: 01/23/20 09:00

Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			460777	02/18/20 10:28	LAM	TAL SL
Total/NA	Analysis	6020A		2	461293	02/20/20 12:01	LKP	TAL SL

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

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Eurofins TestAmerica, St. Louis

Accreditation/Certification Summary

Client: Wood E&I Solutions Inc

Job ID: 160-37055-1

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Laboratory: Eurofins TestAmerica, St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Louisiana	NELAP	04080	06-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Solid	Radium-226
901.1	Fill_Geo-21	Solid	Radium-228
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Nevada State MO000542020-1 07-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
6020A	3050B	Solid	Thorium
901.1	Fill_Geo-21	Solid	Radium-226
901.1	Fill_Geo-21	Solid	Radium-228
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Eurofins TestAmerica, St. Louis

Method Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Method	Method Description	Protocol	Laboratory
6020A	Metals (ICP/MS)	SW846	TAL SL
Moisture	Percent Moisture	EPA	TAL SL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	TAL SL
3050B	Preparation, Metals	SW846	TAL SL
Dry and Grind	Preparation, Dry and Grind	None	TAL SL
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	TAL SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
160-37055-1	WRSB222_0-0.5	Solid	01/15/20 10:37	01/23/20 09:00	
160-37055-2	WRSB222_0.5-3	Solid	01/15/20 10:42	01/23/20 09:00	
160-37055-3	WRSB222-FD_0.5-3	Solid	01/15/20 10:44	01/23/20 09:00	
160-37055-4	WRSB222_3-6	Solid	01/15/20 10:54	01/23/20 09:00	
160-37055-5	WRSB222_6-15	Solid	01/15/20 11:00	01/23/20 09:00	
160-37055-6	WRSB212_0-0.5	Solid	01/15/20 12:18	01/23/20 09:00	
160-37055-7	WRSB212_0.5-3	Solid	01/15/20 12:26	01/23/20 09:00	
160-37055-8	WRSB212_3-6	Solid	01/15/20 12:29	01/23/20 09:00	
160-37055-9	WRSB212_6-15	Solid	01/15/20 12:41	01/23/20 09:00	
160-37055-10	WRSB230_0-0.5	Solid	01/16/20 09:26	01/23/20 09:00	
160-37055-11	WRSB230_0.5-3	Solid	01/16/20 09:30	01/23/20 09:00	
160-37055-12	WRSB230_3-6	Solid	01/16/20 09:40	01/23/20 09:00	
160-37055-13	WRSB230-FD_3-6	Solid	01/16/20 09:42	01/23/20 09:00	
160-37055-14	WRSB230_6-15	Solid	01/16/20 09:46	01/23/20 09:00	
160-37055-15	WRSB226_0-0.5	Solid	01/17/20 09:27	01/23/20 09:00	
160-37055-16	WRSB226_0.5-3	Solid	01/17/20 09:35	01/23/20 09:00	
160-37055-17	WRSB226_3-6	Solid	01/17/20 09:42	01/23/20 09:00	
160-37055-18	WRSB226_6-15	Solid	01/17/20 09:48	01/23/20 09:00	
160-37055-19	WRSB232_0-0.5	Solid	01/17/20 10:40	01/23/20 09:00	
160-37055-20	WRSB232_0.5-3	Solid	01/17/20 10:43	01/23/20 09:00	
160-37055-21	WRSB232_3-6	Solid	01/17/20 10:46	01/23/20 09:00	
160-37055-22	WRSB232_6-15	Solid	01/17/20 10:50	01/23/20 09:00	
160-37055-23	WRSB232-FD_6-15	Solid	01/17/20 10:52	01/23/20 09:00	
160-37055-24	WRSB236_0-0.5	Solid	01/20/20 14:14	01/23/20 09:00	
160-37055-25	WRSB236_0.5-3	Solid	01/20/20 14:18	01/23/20 09:00	
160-37055-26	WRSB236_3-6	Solid	01/20/20 14:25	01/23/20 09:00	
160-37055-27	WRSB236-FD_3-6	Solid	01/20/20 14:27	01/23/20 09:00	
160-37055-28	WRSB236_6-15	Solid	01/20/20 14:33	01/23/20 09:00	
160-37055-29	WRSB240_0-0.5	Solid	01/21/20 08:13	01/23/20 09:00	
160-37055-30	WRSB240-FD_0-0.5	Solid	01/21/20 08:15	01/23/20 09:00	
160-37055-31	WRSB240_0.5-3	Solid	01/21/20 08:21	01/23/20 09:00	
160-37055-32	WRSB240_3-6	Solid	01/21/20 08:26	01/23/20 09:00	
160-37055-33	WRSB240_6-15	Solid	01/21/20 08:32	01/23/20 09:00	
160-37055-34	WRSB206_0-0.5	Solid	01/21/20 10:48	01/23/20 09:00	
160-37055-35	WRSB206_0.5-3	Solid	01/21/20 10:58	01/23/20 09:00	
160-37055-36	WRSB206_3-6	Solid	01/21/20 11:05	01/23/20 09:00	
160-37055-37	WRSB206_6-15	Solid	01/21/20 11:19	01/23/20 09:00	
160-37055-38	WRSB206-FD_6-15	Solid	01/21/20 11:21	01/23/20 09:00	
160-37055-39	WRSB206_15-25	Solid	01/21/20 11:42	01/23/20 09:00	
160-37055-40	WRSB206_25-35	Solid	01/21/20 11:52	01/23/20 09:00	
160-37055-41	WRSB206_45-55	Solid	01/21/20 13:13	01/23/20 09:00	
160-37055-42	WRSB206_55-65	Solid	01/21/20 13:26	01/23/20 09:00	
160-37055-43	WRSB206_65-75	Solid	01/21/20 13:42	01/23/20 09:00	
160-37055-44	WRSB206_75-85	Solid	01/21/20 14:02	01/23/20 09:00	
160-37055-45	WRSB206_85-95	Solid	01/21/20 14:21	01/23/20 09:00	
160-37055-46	WRSB206_95-105	Solid	01/21/20 14:38	01/23/20 09:00	
160-37055-47	WRSB206_105-115	Solid	01/21/20 15:06	01/23/20 09:00	
160-37055-48	WRSB206_115-125	Solid	01/21/20 15:28	01/23/20 09:00	
160-37055-49	WRSB206-FD_115-125	Solid	01/21/20 15:30	01/23/20 09:00	
160-37055-50	WRSB206_35-45	Solid	01/21/20 13:03	01/23/20 09:00	
160-37055-51	WRSB224_0-0.5	Solid	01/21/20 09:23	01/23/20 09:00	
160-37055-52	WRSB224_0.5-3	Solid	01/21/20 09:30	01/23/20 09:00	
160-37055-53	WRSB224_3-6	Solid	01/21/20 09:38	01/23/20 09:00	

Eurofins TestAmerica, St. Louis

Sample Summary

Client: Wood E&I Solutions Inc

Project/Site: ACMS - Yerington OU-4b_OU-5_Soil

Job ID: 160-37055-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
160-37055-54	WRSB224-FD_3-6	Solid	01/21/20 09:40	01/23/20 09:00	
160-37055-55	WRSB224_6-15	Solid	01/21/20 09:44	01/23/20 09:00	
160-37055-56	WRSB219_0-0.5	Solid	01/21/20 10:41	01/23/20 09:00	
160-37055-57	WRSB219_0.5-3	Solid	01/21/20 11:04	01/23/20 09:00	
160-37055-58	WRSB219_3-6	Solid	01/21/20 11:20	01/23/20 09:00	
160-37055-59	WRSB219_6-15	Solid	01/21/20 11:26	01/23/20 09:00	
160-37055-60	WRSB220_0-0.5	Solid	01/21/20 13:23	01/23/20 09:00	
160-37055-61	WRSB220_0.5-3	Solid	01/21/20 13:32	01/23/20 09:00	
160-37055-62	WRSB220_3-6	Solid	01/21/20 13:43	01/23/20 09:00	
160-37055-63	WRSB220-FD_3-6	Solid	01/21/20 13:45	01/23/20 09:00	
160-37055-64	WRSB220_6-15	Solid	01/21/20 13:50	01/23/20 09:00	
160-37055-65	WRSB231_0-0.5	Solid	01/21/20 14:46	01/23/20 09:00	
160-37055-66	WRSB231_0.5-3	Solid	01/21/20 14:55	01/23/20 09:00	
160-37055-67	WRSB231_3-6	Solid	01/21/20 14:59	01/23/20 09:00	
160-37055-68	WRSB231_6-15	Solid	01/21/20 15:04	01/23/20 09:00	

Eurofins TestAmerica, St. Louis



Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Site Node Path: NV_YERINGTON

BP/ARC Facility Name: Anaconda Copper Mine Site

Req Due Date (mm/dd/yy):

Req Due Date (mm/dd/yy):

Lah Work Order Number:



Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Site Node Path: NV_YERINGTON

BP/ARC Facility Name: Anacconda Copper Mine Site

Req Due Date (mm/dd/yy):

STD TAT _____ Rush TAT: Yes _____ No _____

Lab Work Order Number:

Lab Name: TestAmerica, Inc.		BP/ARC Facility Address: 1 Austin Circle		City, State, ZIP Code: Yerington, Nevada 89447		Lead Regulatory Agency: NDEP Abandoned Mine Lands Program		California Global ID No.:		Enfis Proposal No.: D019Q-0047		Work Release No.: W/R331232		MS/MSD or LD		Comments							
Lab PM: Jayna Await		Lab Phone: 314-298-8566		Lab Shipping Acct: 1955-3772-0 (TAL Acct #)		Lab Bottle Order No: NA		Other Info: OU-4b_OU-5_Soil		BP/ARC EBM: Chuck Stilwell		EBM Phone: 713-998-2443		EBM Email: Chuck.Stilwell@bp.com		Matrix		No. Containers / Preservative		Requested Analyses		Report Type & QC Level	
Lab No.		Sample Description		Date		Time		Soil / Solid		Water / Liquid		Air / Vapor		Total Number of Containers		HNO_3		H_2SO_4		Standard X			
WRSB232_3-C		WRSB232_6-15		1/17/20	1046			X	4	X		X	X	X	X	X	X	X	X	X	Report soil on dry weight basis.		
WRSB232_6-15		WRSB232-FD_6-15		1/17/20	1050	X		2	2			X	X	X	X								
WRSB232-FD_6-15		WRSB232-FD_6-15		1/17/20	1052	X		2	2			X	X	X	X								
WRSB232_0-0.5		WRSB232_0-0.5		1/20/20	1414	X		2	2			X	X	X	X								
WRSB232_0.5-3		WRSB232_0.5-3		1/20/20	1418	X		2	2			X	X	X	X								
WRSB232_3-C		WRSB232_3-C		1/20/20	1425	X		2	2			X	X	X	X								
WRSB232-FD_3-C		WRSB232-FD_3-C		1/20/20	1427	X		2	2			X	X	X	X								
WRSB232_6-15		WRSB232_6-15		1/20/20	1433	X		2	2			X	X	X	X								
WRSB240_0-0.5		WRSB240_0-0.5		1/20/20	0813	X		2	2			X	X	X	X								
WRSB240-FD-D-0.5		WRSB240-FD-D-0.5		1/20/20	0815	X		2	2			X	X	X	X								
Sampler's Name: Bryce Johnson																							
Relinquished By / Affiliation																							
Sampler's Company: Wood		Accepted By / Affiliation		Date		Time		Accepted By / Affiliation		Date		Time		Accepted By / Affiliation		Date		Time					
Shipment Method: FedEx		Date: 4/22/20		Temp Blank: Yes / No		Trip Blank: Yes / No		Cooler Temp on Receipt: _____ °F/C		Temp Blank: Yes / No		Trip Blank: Yes / No		MS/MSD Sample Submitted: Yes / No		BP/ARC LaMP COC Rev. 7, Jul 29, 2010		BP/ARC LaMP COC Rev. 7, Jul 29, 2010					
Special Instructions: THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No																							

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Laboratory Management Program LAMP Chain of Custody Record

BP/ARC Site Node Path: NV_YERINGTON

BP/ARC Facility Name: Anaconda Copper Mine Site

Req Due Date (mm/dd/yy):

Lab Work Order Number:

STD TAT

Lab Work Order Number:

Rush TAT: Yes No

Page 4 of 7

Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	H ₂ SO ₄	HNO ₃	Unpreserved	Total Number of Containers	Requested Analyses		Report Type & QC Level	
											BP/ARC	Contractor	BP/ARC	Contractor
WRSB240_0.5-3	1/21/20 0821	X							2 2	2	X	X	Standard <input checked="" type="checkbox"/>	
WRSB240_3-6	1/21/20 0826	X							2 2	2	X	X	Full Data Package <input type="checkbox"/>	
WRSB240_6-15	1/21/20 0832	X							2 2	2	X	X		
WRSB206_0-0.5	1/21/20 1048	X							2 2	2	X	X		
WRSB206_0.5-3	1/21/20 1058	X							2 2	2	X	X		
WRSB206_3-6	1/21/20 1105	X							2 2	2	X	X		
WRSB206_6-15	1/21/20 1119	X							2 2	2	X	X		
WRSB206-FD_6-15	1/21/20 1121	X							2 2	2	X	X		
WRSB206_15-25	1/21/20 1152	X							2 2	2	X	X		
WRSB206_25-35	1/21/20 1152	X							2 2	2	X	X		
Samplers Name: Joyce Johnson														
Sampler's Company: Wood														
Shipment Method: Fed Ex	Ship Date: 1/22/20													
Shipment Tracking No: See attached sheet														
Special Instructions:														



Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Site Node Path: NV_YERINGTON

BP/ARC Facility Name: Anaconda Copper Mine Site

Req Due Date (mm/dd/yy):

Lab Work Order Number:

STD TAT _____

Rush TAT: Yes No

Lab Name:	TestAmerica, Inc.	BP/ARC Facility Address:	1 Austin Circle	Req Due Date (mm/dd/yy):	STD TAT	Rush TAT: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Lab Address:	13715 Rider Trail N., Earth City, MO 63045	City, State, ZIP Code:	Yerington, Nevada 89447	Lead Regulatory Agency:	NDEP Abandoned Mine Lands Program	Consultant/Contractor: Wood - E&I Solutions, Inc.
Lab PM:	Jayna Await	California Global ID No.:	Enfoss Proposal No: D019Q-0047	Work Release No: WR331232	Address: 10940 White Rock Rd, Ste 190 Rancho Cordova, CA 95670	Consultant/Contractor Project No: SA18170340.005.055B
Lab Phone:	314-298-8566	Lab Shipping Acct:	1955-3772-0 (TAL Acct #)	Accounting Mode: Provision <input checked="" type="checkbox"/>	OOC-BU <input type="checkbox"/>	OOC-RM <input type="checkbox"/>
Lab Bottle Order No:	NA	Other Info:	OU-4b_OU5_Soil	Stage: Appraise	Activity: Field Work/Remedial Investigation	Invoice To: BP/ARC <input checked="" type="checkbox"/> Contractor <input type="checkbox"/>
BP/ARC EBM: Chuck Stilwell	EBM Phone: 713-998-2443	EBM Email: Chuck.Stilwell@bp.com	Matrix	No. Containers / Preservative	Requested Analyses	Report Type & QC Level
Lab No.	Sample Description	Date	Time	Soil / Solid Water / Liquid Air / Vapor	HNO ₃ H ₂ SO ₄ Unpreserved	Total Number of Containers MS/MSD or LD Standard <input checked="" type="checkbox"/> Full Data Package <input type="checkbox"/>
WRSB206_45-55	01/21/20	1313	X	X	X	Report soil on dry weight basis.
WRSB206_55-65	01/21/20	1326	X	X	X	
WRSB206_65-75	01/21/20	1342	X	X	X	
WRSB206_75-85	01/21/20	1402	X	X	X	
WRSB206_85-95	01/21/20	1421	X	X	X	
WRSB206_95-105	01/21/20	1438	X	X	X	
WRSB206_105-115	01/21/20	1506	X	X	X	
WRSB206_115-125	01/21/20	1528	X	X	X	
WRSB206-FD_115-125	01/21/20	1530	X	X	X	
WRSB206_35-45	01/21/20	1303	X	X	X	
Sampler's Name: Bryce Johnson	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Wood	Wood	1/21/20	8:00	J. G. Wood	1/21/20	9:00
Shipment Method: Fed Ex	Ship Date: 1/21/20	1/21/20	8:00	J. G. Wood	1/21/20	9:00
Shipment Tracking No:	See attached sheet					
Special Instructions:	THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No	Temp Blank: Yes / No	Cooler Temp on Receipt: °F/C	Trip Blank: Yes / No	MS/MSD Sample Submitted: Yes / No	BPIARC LaMP COC Rev. 7, Jul 29, 2010

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Laboratory Management Program LAMP Chain of Custody Record

BPI/ARC Site Node Path: NV_YERRINGTON

BPI/ARC Facility Name: Anaconda Copper Mine Site

Req Due Date (mm/dd/yy):

STD TAT

Rush TAT: Yes No

Lab Work Order Number:

Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	H ₂ SO ₄	HNO ₃	Uptreated	Total Number of Containers	Requested Analyses		Report Type & QC Level	Comments
											Matrix	No. Containers / Preservative	BP/ARC <input checked="" type="checkbox"/> Contractor <input type="checkbox"/>	
WRSB224_0-0.5	1/21/20 09123			X						2				MS/MSD or LD
WRSB224_0.5-3	1/21/20 0930			X						2				MS/MSD or LD
WRSB224_3-6	1/21/20 0938			X						2				MS/MSD or LD
WRSB224_FD_3-6	1/21/20 0940			X						2				MS/MSD or LD
WRSB224_6-15	1/21/20 0944			X						2				MS/MSD or LD
WRSB219_0-0.5	1/21/20 1041			X						2				MS/MSD or LD
WRSB219_0.5-3	1/21/20 1104			X						2				MS/MSD or LD
WRSB219_3-6	1/21/20 1120			X						2				MS/MSD or LD
WRSB219_6-15	1/21/20 1126			X						2				MS/MSD or LD
WRSB219_0-0.5	1/21/20 1323			X						2				MS/MSD or LD
Sampler's Name: Rachael Klier		Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation		Date	Time					
Sampler's Company: Wood		John Wood		1/21/20 0800		John Wood		1/21/20 0800						
Shipment Method: Fed Ex		Ship Date: 1/22/20		1/21/20 1300		Fed Ex		1/24/20 1300						
Shipment Tracking No: see attached sheet														

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No	Temp Blank: Yes / No	Cooler Temp on Receipt: °F/C	Trip Blank: Yes / No	MS/MSD Sample Submitted: Yes / No
BP/ARC LaMP COC Rev. 7, Jul 29, 2010				

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Login Sample Receipt Checklist

Client: Wood E&I Solutions Inc

Job Number: 160-37055-1

Login Number: 37055

List Source: Eurofins TestAmerica, St. Louis

List Number: 1

Creator: Press, Nicholas B

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Internal Chain of Custody Tracking

Login	Smp	Customer Sample ID	Matrix	Container ID	Lab Sample ID	Container Type	Location	Custody User	I/O	ICOC ID	ICOC Date
160-37055	1	WRSB222_0-0.5	Solid	160-1867000	160-37055-A-1	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	1	WRSB222_0-0.5	Solid	160-1867001	160-37055-B-1	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	I	160-191640	02/18/20 09:39
160-37055	1	WRSB222_0-0.5	Solid	160-1867001	160-37055-B-1	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	1	WRSB222_0-0.5	Solid	160-1867001	160-37055-B-1	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	2	WRSB222_0.5-3	Solid	160-1867003	160-37055-A-2	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	2	WRSB222_0.5-3	Solid	160-1867004	160-37055-B-2	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	I	160-191640	02/18/20 09:39
160-37055	2	WRSB222_0.5-3	Solid	160-1867004	160-37055-B-2	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	2	WRSB222_0.5-3	Solid	160-1867004	160-37055-B-2	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	3	WRSB222-FD_0.5-3	Solid	160-1867005	160-37055-A-3	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	3	WRSB222-FD_0.5-3	Solid	160-1867006	160-37055-B-3	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	I	160-191640	02/18/20 09:39
160-37055	3	WRSB222-FD_0.5-3	Solid	160-1867006	160-37055-B-3	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	3	WRSB222-FD_0.5-3	Solid	160-1867006	160-37055-B-3	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	4	WRSB222_3-6	Solid	160-1867007	160-37055-A-4	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	4	WRSB222_3-6	Solid	160-1867008	160-37055-B-4	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	I	160-191640	02/18/20 09:39
160-37055	4	WRSB222_3-6	Solid	160-1867008	160-37055-B-4	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	4	WRSB222_3-6	Solid	160-1867008	160-37055-B-4	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	5	WRSB222_6-15	Solid	160-1867009	160-37055-A-5	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	5	WRSB222_6-15	Solid	160-1867137	160-37055-A-5	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	5	WRSB222_6-15	Solid	160-1867138	160-37055-A-5	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	I	160-191640	02/18/20 09:39
160-37055	5	WRSB222_6-15	Solid	160-1867138	160-37055-A-5	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	5	WRSB222_6-15	Solid	160-1867138	160-37055-A-5	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	5	WRSB222_6-15	Solid	160-1867139	160-37055-A-5	No Container	METALS	Mazariegos, Leonel I	I	160-191640	02/18/20 09:39
160-37055	5	WRSB222_6-15	Solid	160-1867139	160-37055-A-5	No Container	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	5	WRSB222_6-15	Solid	160-1867139	160-37055-A-5	No Container	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	5	WRSB222_6-15	Solid	160-1867010	160-37055-B-5	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	I	160-191640	02/18/20 09:39
160-37055	5	WRSB222_6-15	Solid	160-1867010	160-37055-B-5	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190621	01/28/20 10:51
160-37055	5	WRSB222_6-15	Solid	160-1867010	160-37055-B-5	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190603	01/28/20 09:33
160-37055	5	WRSB222_6-15	Solid	160-1867010	160-37055-B-5	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	5	WRSB222_6-15	Solid	160-1867010	160-37055-B-5	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	6	WRSB212_0-0.5	Solid	160-1867011	160-37055-A-6	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	6	WRSB212_0-0.5	Solid	160-1867012	160-37055-B-6	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	I	160-191640	02/18/20 09:39
160-37055	6	WRSB212_0-0.5	Solid	160-1867012	160-37055-B-6	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	6	WRSB212_0-0.5	Solid	160-1867012	160-37055-B-6	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	7	WRSB212_0.5-3	Solid	160-1867013	160-37055-A-7	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	7	WRSB212_0.5-3	Solid	160-1867014	160-37055-B-7	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	I	160-191640	02/18/20 09:39
160-37055	7	WRSB212_0.5-3	Solid	160-1867014	160-37055-B-7	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	7	WRSB212_0.5-3	Solid	160-1867014	160-37055-B-7	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	8	WRSB212_3-6	Solid	160-1867015	160-37055-A-8	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	8	WRSB212_3-6	Solid	160-1867016	160-37055-B-8	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	I	160-191640	02/18/20 09:39
160-37055	8	WRSB212_3-6	Solid	160-1867016	160-37055-B-8	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40

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Internal Chain of Custody Tracking

Login	Smp	Customer Sample ID	Matrix	Container ID	Lab Sample ID	Container Type	Location	Custody User	I/O	ICOC ID	ICOC Date
160-37055	8	WRSB212_3-6	Solid	160-1867016	160-37055-B-8	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	9	WRSB212_6-15	Solid	160-1867017	160-37055-A-9	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	9	WRSB212_6-15	Solid	160-1867018	160-37055-B-9	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	9	WRSB212_6-15	Solid	160-1867018	160-37055-B-9	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	9	WRSB212_6-15	Solid	160-1867018	160-37055-B-9	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	10	WRSB230_0-0.5	Solid	160-1867019	160-37055-A-10	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	10	WRSB230_0-0.5	Solid	160-1867020	160-37055-B-10	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	10	WRSB230_0-0.5	Solid	160-1867020	160-37055-B-10	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	10	WRSB230_0-0.5	Solid	160-1867020	160-37055-B-10	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	11	WRSB230_0.5-3	Solid	160-1867021	160-37055-A-11	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	11	WRSB230_0.5-3	Solid	160-1867022	160-37055-B-11	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	11	WRSB230_0.5-3	Solid	160-1867022	160-37055-B-11	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	11	WRSB230_0.5-3	Solid	160-1867022	160-37055-B-11	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	12	WRSB230_3-6	Solid	160-1867023	160-37055-A-12	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	12	WRSB230_3-6	Solid	160-1867024	160-37055-B-12	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	12	WRSB230_3-6	Solid	160-1867024	160-37055-B-12	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	12	WRSB230_3-6	Solid	160-1867024	160-37055-B-12	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	13	WRSB230-FD_3-6	Solid	160-1867025	160-37055-A-13	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	13	WRSB230-FD_3-6	Solid	160-1867026	160-37055-B-13	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	13	WRSB230-FD_3-6	Solid	160-1867026	160-37055-B-13	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	13	WRSB230-FD_3-6	Solid	160-1867026	160-37055-B-13	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	14	WRSB230_6-15	Solid	160-1867027	160-37055-A-14	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	14	WRSB230_6-15	Solid	160-1867028	160-37055-B-14	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	14	WRSB230_6-15	Solid	160-1867028	160-37055-B-14	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	14	WRSB230_6-15	Solid	160-1867028	160-37055-B-14	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	15	WRSB226_0-0.5	Solid	160-1867029	160-37055-A-15	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	15	WRSB226_0-0.5	Solid	160-1867030	160-37055-B-15	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	15	WRSB226_0-0.5	Solid	160-1867030	160-37055-B-15	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	15	WRSB226_0-0.5	Solid	160-1867030	160-37055-B-15	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	16	WRSB226_0.5-3	Solid	160-1867031	160-37055-A-16	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	16	WRSB226_0.5-3	Solid	160-1867032	160-37055-B-16	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	16	WRSB226_0.5-3	Solid	160-1867032	160-37055-B-16	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	16	WRSB226_0.5-3	Solid	160-1867032	160-37055-B-16	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	17	WRSB226_3-6	Solid	160-1867033	160-37055-A-17	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	17	WRSB226_3-6	Solid	160-1867140	160-37055-A-17	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	17	WRSB226_3-6	Solid	160-1867141	160-37055-A-17	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	17	WRSB226_3-6	Solid	160-1867141	160-37055-A-17	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	17	WRSB226_3-6	Solid	160-1867141	160-37055-A-17	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	17	WRSB226_3-6	Solid	160-1867142	160-37055-A-17	No Container	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	17	WRSB226_3-6	Solid	160-1867142	160-37055-A-17	No Container	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40

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Internal Chain of Custody Tracking

Login	Smp	Customer Sample ID	Matrix	Container ID	Lab Sample ID	Container Type	Location	Custody User	I/O	ICOC ID	ICOC Date
160-37055	17	WRSB226_3-6	Solid	160-1867142	160-37055-A-17	No Container	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	17	WRSB226_3-6	Solid	160-1867034	160-37055-B-17	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	17	WRSB226_3-6	Solid	160-1867034	160-37055-B-17	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	17	WRSB226_3-6	Solid	160-1867034	160-37055-B-17	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	18	WRSB226_6-15	Solid	160-1867035	160-37055-A-18	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	18	WRSB226_6-15	Solid	160-1867036	160-37055-B-18	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	18	WRSB226_6-15	Solid	160-1867036	160-37055-B-18	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	18	WRSB226_6-15	Solid	160-1867036	160-37055-B-18	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	19	WRSB232_0-0.5	Solid	160-1867037	160-37055-A-19	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	19	WRSB232_0-0.5	Solid	160-1867038	160-37055-B-19	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	19	WRSB232_0-0.5	Solid	160-1867038	160-37055-B-19	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	19	WRSB232_0-0.5	Solid	160-1867038	160-37055-B-19	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	20	WRSB232_0.5-3	Solid	160-1867039	160-37055-A-20	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	20	WRSB232_0.5-3	Solid	160-1867040	160-37055-B-20	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	20	WRSB232_0.5-3	Solid	160-1867040	160-37055-B-20	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	20	WRSB232_0.5-3	Solid	160-1867040	160-37055-B-20	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	21	WRSB232_3-6	Solid	160-1867041	160-37055-A-21	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	21	WRSB232_3-6	Solid	160-1867143	160-37055-A-21	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	21	WRSB232_3-6	Solid	160-1867144	160-37055-A-21	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	21	WRSB232_3-6	Solid	160-1867144	160-37055-A-21	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	21	WRSB232_3-6	Solid	160-1867144	160-37055-A-21	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	21	WRSB232_3-6	Solid	160-1867145	160-37055-A-21	No Container	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	21	WRSB232_3-6	Solid	160-1867145	160-37055-A-21	No Container	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	21	WRSB232_3-6	Solid	160-1867145	160-37055-A-21	No Container	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	21	WRSB232_3-6	Solid	160-1867042	160-37055-B-21	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	21	WRSB232_3-6	Solid	160-1867042	160-37055-B-21	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	21	WRSB232_3-6	Solid	160-1867042	160-37055-B-21	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	22	WRSB232_6-15	Solid	160-1867043	160-37055-A-22	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	22	WRSB232_6-15	Solid	160-1867044	160-37055-B-22	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	22	WRSB232_6-15	Solid	160-1867044	160-37055-B-22	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	22	WRSB232_6-15	Solid	160-1867044	160-37055-B-22	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	23	WRSB232-FD_6-15	Solid	160-1867045	160-37055-A-23	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	23	WRSB232-FD_6-15	Solid	160-1867046	160-37055-B-23	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	23	WRSB232-FD_6-15	Solid	160-1867046	160-37055-B-23	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	23	WRSB232-FD_6-15	Solid	160-1867046	160-37055-B-23	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	24	WRSB236_0-0.5	Solid	160-1867047	160-37055-A-24	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	24	WRSB236_0-0.5	Solid	160-1867048	160-37055-B-24	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	24	WRSB236_0-0.5	Solid	160-1867048	160-37055-B-24	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190476	01/27/20 08:40
160-37055	24	WRSB236_0-0.5	Solid	160-1867048	160-37055-B-24	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	25	WRSB236_0.5-3	Solid	160-1867049	160-37055-A-25	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20

Internal Chain of Custody Tracking

Login	Smp	Customer Sample ID	Matrix	Container ID	Lab Sample ID	Container Type	Location	Custody User	I/O ICOC ID	ICOC Date
160-37055	25	WRSB236_0.5-3	Solid	160-1867050	160-37055-B-25	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	25	WRSB236_0.5-3	Solid	160-1867050	160-37055-B-25	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	25	WRSB236_0.5-3	Solid	160-1867050	160-37055-B-25	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	26	WRSB236_3-6	Solid	160-1867051	160-37055-A-26	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	26	WRSB236_3-6	Solid	160-1867052	160-37055-B-26	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	26	WRSB236_3-6	Solid	160-1867052	160-37055-B-26	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	26	WRSB236_3-6	Solid	160-1867052	160-37055-B-26	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	27	WRSB236-FD_3-6	Solid	160-1867053	160-37055-A-27	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	27	WRSB236-FD_3-6	Solid	160-1867054	160-37055-B-27	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	27	WRSB236-FD_3-6	Solid	160-1867054	160-37055-B-27	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	27	WRSB236-FD_3-6	Solid	160-1867054	160-37055-B-27	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	28	WRSB236_6-15	Solid	160-1867055	160-37055-A-28	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	28	WRSB236_6-15	Solid	160-1867056	160-37055-B-28	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	28	WRSB236_6-15	Solid	160-1867056	160-37055-B-28	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	28	WRSB236_6-15	Solid	160-1867056	160-37055-B-28	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	29	WRSB240_0-0.5	Solid	160-1867057	160-37055-A-29	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	29	WRSB240_0-0.5	Solid	160-1867058	160-37055-B-29	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	29	WRSB240_0-0.5	Solid	160-1867058	160-37055-B-29	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	29	WRSB240_0-0.5	Solid	160-1867058	160-37055-B-29	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	30	WRSB240-FD_0-0.5	Solid	160-1867059	160-37055-A-30	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	30	WRSB240-FD_0-0.5	Solid	160-1867060	160-37055-B-30	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	30	WRSB240-FD_0-0.5	Solid	160-1867060	160-37055-B-30	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	30	WRSB240-FD_0-0.5	Solid	160-1867060	160-37055-B-30	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	31	WRSB240_0.5-3	Solid	160-1867061	160-37055-A-31	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	31	WRSB240_0.5-3	Solid	160-1867062	160-37055-B-31	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	31	WRSB240_0.5-3	Solid	160-1867062	160-37055-B-31	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	31	WRSB240_0.5-3	Solid	160-1867062	160-37055-B-31	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	32	WRSB240_3-6	Solid	160-1867063	160-37055-A-32	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	32	WRSB240_3-6	Solid	160-1867064	160-37055-B-32	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	32	WRSB240_3-6	Solid	160-1867064	160-37055-B-32	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	32	WRSB240_3-6	Solid	160-1867064	160-37055-B-32	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	33	WRSB240_6-15	Solid	160-1867065	160-37055-A-33	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	33	WRSB240_6-15	Solid	160-1867066	160-37055-B-33	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	33	WRSB240_6-15	Solid	160-1867066	160-37055-B-33	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	33	WRSB240_6-15	Solid	160-1867066	160-37055-B-33	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	34	WRSB206_0-0.5	Solid	160-1867067	160-37055-A-34	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	34	WRSB206_0-0.5	Solid	160-1867068	160-37055-B-34	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	34	WRSB206_0-0.5	Solid	160-1867068	160-37055-B-34	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	34	WRSB206_0-0.5	Solid	160-1867068	160-37055-B-34	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	35	WRSB206_0.5-3	Solid	160-1867069	160-37055-A-35	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20

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Internal Chain of Custody Tracking

Login	Smp	Customer Sample ID	Matrix	Container ID	Lab Sample ID	Container Type	Location	Custody User	I/O ICOC ID	ICOC Date
160-37055	35	WRSB206_0.5-3	Solid	160-1867070	160-37055-B-35	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	35	WRSB206_0.5-3	Solid	160-1867070	160-37055-B-35	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	35	WRSB206_0.5-3	Solid	160-1867070	160-37055-B-35	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	36	WRSB206_3-6	Solid	160-1867071	160-37055-A-36	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	36	WRSB206_3-6	Solid	160-1867072	160-37055-B-36	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	36	WRSB206_3-6	Solid	160-1867072	160-37055-B-36	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	36	WRSB206_3-6	Solid	160-1867072	160-37055-B-36	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	37	WRSB206_6-15	Solid	160-1867073	160-37055-A-37	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	37	WRSB206_6-15	Solid	160-1867074	160-37055-B-37	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	37	WRSB206_6-15	Solid	160-1867074	160-37055-B-37	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	37	WRSB206_6-15	Solid	160-1867074	160-37055-B-37	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	38	WRSB206-FD_6-15	Solid	160-1867075	160-37055-A-38	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	38	WRSB206-FD_6-15	Solid	160-1867076	160-37055-B-38	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	38	WRSB206-FD_6-15	Solid	160-1867076	160-37055-B-38	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	38	WRSB206-FD_6-15	Solid	160-1867076	160-37055-B-38	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	39	WRSB206_15-25	Solid	160-1867077	160-37055-A-39	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	39	WRSB206_15-25	Solid	160-1867078	160-37055-B-39	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	39	WRSB206_15-25	Solid	160-1867078	160-37055-B-39	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	39	WRSB206_15-25	Solid	160-1867078	160-37055-B-39	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	40	WRSB206_25-35	Solid	160-1867079	160-37055-A-40	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	40	WRSB206_25-35	Solid	160-1867080	160-37055-B-40	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	40	WRSB206_25-35	Solid	160-1867080	160-37055-B-40	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	40	WRSB206_25-35	Solid	160-1867080	160-37055-B-40	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	41	WRSB206_45-55	Solid	160-1867081	160-37055-A-41	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	41	WRSB206_45-55	Solid	160-1867082	160-37055-B-41	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	41	WRSB206_45-55	Solid	160-1867082	160-37055-B-41	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190476	01/27/20 08:40
160-37055	41	WRSB206_45-55	Solid	160-1867082	160-37055-B-41	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	41	WRSB206_45-55	Solid	160-1867083	160-37055-A-42	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	42	WRSB206_55-65	Solid	160-1867146	160-37055-A-42	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	42	WRSB206_55-65	Solid	160-1867147	160-37055-A-42	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	42	WRSB206_55-65	Solid	160-1867147	160-37055-A-42	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	42	WRSB206_55-65	Solid	160-1867147	160-37055-A-42	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	42	WRSB206_55-65	Solid	160-1867148	160-37055-A-42	No Container	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	42	WRSB206_55-65	Solid	160-1867148	160-37055-A-42	No Container	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	42	WRSB206_55-65	Solid	160-1867148	160-37055-A-42	No Container	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	42	WRSB206_55-65	Solid	160-1867084	160-37055-B-42	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	42	WRSB206_55-65	Solid	160-1867084	160-37055-B-42	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	42	WRSB206_55-65	Solid	160-1867084	160-37055-B-42	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	43	WRSB206_65-75	Solid	160-1867085	160-37055-A-43	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	43	WRSB206_65-75	Solid	160-1867086	160-37055-B-43	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39

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Internal Chain of Custody Tracking

Login	Smp	Customer Sample ID	Matrix	Container ID	Lab Sample ID	Container Type	Location	Custody User	I/O	ICOC ID	ICOC Date
160-37055	43	WRSB206_65-75	Solid	160-1867086	160-37055-B-43	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	43	WRSB206_65-75	Solid	160-1867086	160-37055-B-43	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	44	WRSB206_75-85	Solid	160-1867087	160-37055-A-44	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	44	WRSB206_75-85	Solid	160-1867088	160-37055-B-44	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	44	WRSB206_75-85	Solid	160-1867088	160-37055-B-44	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	44	WRSB206_75-85	Solid	160-1867088	160-37055-B-44	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	45	WRSB206_85-95	Solid	160-1867089	160-37055-A-45	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	45	WRSB206_85-95	Solid	160-1867090	160-37055-B-45	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	45	WRSB206_85-95	Solid	160-1867090	160-37055-B-45	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	45	WRSB206_85-95	Solid	160-1867090	160-37055-B-45	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	46	WRSB206_95-105	Solid	160-1867091	160-37055-A-46	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	46	WRSB206_95-105	Solid	160-1867092	160-37055-B-46	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	46	WRSB206_95-105	Solid	160-1867092	160-37055-B-46	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	46	WRSB206_95-105	Solid	160-1867092	160-37055-B-46	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	47	WRSB206_105-115	Solid	160-1867093	160-37055-A-47	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	47	WRSB206_105-115	Solid	160-1867094	160-37055-B-47	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	47	WRSB206_105-115	Solid	160-1867094	160-37055-B-47	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	47	WRSB206_105-115	Solid	160-1867094	160-37055-B-47	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	48	WRSB206_115-125	Solid	160-1867095	160-37055-A-48	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	48	WRSB206_115-125	Solid	160-1867096	160-37055-B-48	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	48	WRSB206_115-125	Solid	160-1867096	160-37055-B-48	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	48	WRSB206_115-125	Solid	160-1867096	160-37055-B-48	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	49	WRSB206-FD_115-12	Solid	160-1867097	160-37055-A-49	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	49	WRSB206-FD_115-12	Solid	160-1867098	160-37055-B-49	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	49	WRSB206-FD_115-12	Solid	160-1867098	160-37055-B-49	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	49	WRSB206-FD_115-12	Solid	160-1867098	160-37055-B-49	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	50	WRSB206_35-45	Solid	160-1867099	160-37055-A-50	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	50	WRSB206_35-45	Solid	160-1867100	160-37055-B-50	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	50	WRSB206_35-45	Solid	160-1867100	160-37055-B-50	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	50	WRSB206_35-45	Solid	160-1867100	160-37055-B-50	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	51	WRSB224_0-0.5	Solid	160-1867101	160-37055-A-51	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	51	WRSB224_0-0.5	Solid	160-1867102	160-37055-B-51	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	51	WRSB224_0-0.5	Solid	160-1867102	160-37055-B-51	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	51	WRSB224_0-0.5	Solid	160-1867102	160-37055-B-51	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	52	WRSB224_0.5-3	Solid	160-1867103	160-37055-A-52	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	52	WRSB224_0.5-3	Solid	160-1867104	160-37055-B-52	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	52	WRSB224_0.5-3	Solid	160-1867104	160-37055-B-52	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	52	WRSB224_0.5-3	Solid	160-1867104	160-37055-B-52	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	53	WRSB224_3-6	Solid	160-1867105	160-37055-A-53	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	53	WRSB224_3-6	Solid	160-1867106	160-37055-B-53	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39

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Internal Chain of Custody Tracking

Login	Smp	Customer Sample ID	Matrix	Container ID	Lab Sample ID	Container Type	Location	Custody User	I/O ICOC ID	ICOC Date
160-37055	53	WRSB224_3-6	Solid	160-1867106	160-37055-B-53	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	53	WRSB224_3-6	Solid	160-1867106	160-37055-B-53	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	54	WRSB224-FD_3-6	Solid	160-1867107	160-37055-A-54	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	54	WRSB224-FD_3-6	Solid	160-1867108	160-37055-B-54	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	54	WRSB224-FD_3-6	Solid	160-1867108	160-37055-B-54	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	54	WRSB224-FD_3-6	Solid	160-1867108	160-37055-B-54	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	55	WRSB224_6-15	Solid	160-1867109	160-37055-A-55	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	55	WRSB224_6-15	Solid	160-1867110	160-37055-B-55	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	55	WRSB224_6-15	Solid	160-1867110	160-37055-B-55	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	55	WRSB224_6-15	Solid	160-1867110	160-37055-B-55	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	56	WRSB219_0-0.5	Solid	160-1867111	160-37055-A-56	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	56	WRSB219_0-0.5	Solid	160-1867112	160-37055-B-56	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	56	WRSB219_0-0.5	Solid	160-1867112	160-37055-B-56	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	56	WRSB219_0-0.5	Solid	160-1867112	160-37055-B-56	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	57	WRSB219_0.5-3	Solid	160-1867113	160-37055-A-57	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	57	WRSB219_0.5-3	Solid	160-1867114	160-37055-B-57	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	57	WRSB219_0.5-3	Solid	160-1867114	160-37055-B-57	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	57	WRSB219_0.5-3	Solid	160-1867114	160-37055-B-57	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	57	WRSB219_0.5-3	Solid	160-1867114	160-37055-B-57	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	58	WRSB219_3-6	Solid	160-1867115	160-37055-A-58	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	58	WRSB219_3-6	Solid	160-1867116	160-37055-B-58	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	58	WRSB219_3-6	Solid	160-1867116	160-37055-B-58	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	58	WRSB219_3-6	Solid	160-1867116	160-37055-B-58	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	59	WRSB219_6-15	Solid	160-1867117	160-37055-A-59	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	59	WRSB219_6-15	Solid	160-1867118	160-37055-B-59	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	59	WRSB219_6-15	Solid	160-1867118	160-37055-B-59	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	59	WRSB219_6-15	Solid	160-1867118	160-37055-B-59	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	60	WRSB220_0-0.5	Solid	160-1867119	160-37055-A-60	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	60	WRSB220_0-0.5	Solid	160-1867120	160-37055-B-60	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	60	WRSB220_0-0.5	Solid	160-1867120	160-37055-B-60	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	60	WRSB220_0-0.5	Solid	160-1867120	160-37055-B-60	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	61	WRSB220_0.5-3	Solid	160-1867121	160-37055-A-61	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	61	WRSB220_0.5-3	Solid	160-1867122	160-37055-B-61	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	61	WRSB220_0.5-3	Solid	160-1867122	160-37055-B-61	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	61	WRSB220_0.5-3	Solid	160-1867122	160-37055-B-61	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	62	WRSB220_3-6	Solid	160-1867123	160-37055-A-62	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	62	WRSB220_3-6	Solid	160-1867124	160-37055-B-62	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39
160-37055	62	WRSB220_3-6	Solid	160-1867124	160-37055-B-62	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan I	160-190484	01/27/20 09:45
160-37055	62	WRSB220_3-6	Solid	160-1867124	160-37055-B-62	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan I	160-190473	01/27/20 06:53
160-37055	63	WRSB220-FD_3-6	Solid	160-1867125	160-37055-A-63	Plastic Bag - 500g	RAD	Quinn, Erin J I	160-190429	01/24/20 11:20
160-37055	63	WRSB220-FD_3-6	Solid	160-1867126	160-37055-B-63	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel I	160-191640	02/18/20 09:39

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Internal Chain of Custody Tracking

Login	Smp	Customer Sample ID	Matrix	Container ID	Lab Sample ID	Container Type	Location	Custody User	I/O	ICOC ID	ICOC Date
160-37055	63	WRSB220-FD_3-6	Solid	160-1867126	160-37055-B-63	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	63	WRSB220-FD_3-6	Solid	160-1867126	160-37055-B-63	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	64	WRSB220_6-15	Solid	160-1867127	160-37055-A-64	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	64	WRSB220_6-15	Solid	160-1867128	160-37055-B-64	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	64	WRSB220_6-15	Solid	160-1867128	160-37055-B-64	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	64	WRSB220_6-15	Solid	160-1867128	160-37055-B-64	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	65	WRSB231_0-0.5	Solid	160-1867129	160-37055-A-65	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	65	WRSB231_0-0.5	Solid	160-1867130	160-37055-B-65	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	65	WRSB231_0-0.5	Solid	160-1867130	160-37055-B-65	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	65	WRSB231_0-0.5	Solid	160-1867130	160-37055-B-65	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	66	WRSB231_0-5.3	Solid	160-1867131	160-37055-A-66	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	66	WRSB231_0-5.3	Solid	160-1867132	160-37055-B-66	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	66	WRSB231_0-5.3	Solid	160-1867132	160-37055-B-66	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	66	WRSB231_0-5.3	Solid	160-1867132	160-37055-B-66	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	67	WRSB231_3-6	Solid	160-1867133	160-37055-A-67	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	67	WRSB231_3-6	Solid	160-1867134	160-37055-B-67	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	67	WRSB231_3-6	Solid	160-1867134	160-37055-B-67	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	67	WRSB231_3-6	Solid	160-1867134	160-37055-B-67	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53
160-37055	68	WRSB231_6-15	Solid	160-1867135	160-37055-A-68	Plastic Bag - 500g	RAD	Quinn, Erin J	I	160-190429	01/24/20 11:20
160-37055	68	WRSB231_6-15	Solid	160-1867136	160-37055-B-68	Clear Glass 4oz Wide -	METALS	Mazariegos, Leonel	I	160-191640	02/18/20 09:39
160-37055	68	WRSB231_6-15	Solid	160-1867136	160-37055-B-68	Clear Glass 4oz Wide -	2-6	Domalewski, Ryan	I	160-190484	01/27/20 09:45
160-37055	68	WRSB231_6-15	Solid	160-1867136	160-37055-B-68	Clear Glass 4oz Wide -	RAD	Domalewski, Ryan	I	160-190473	01/27/20 06:53

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METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.: _____

Batch Number: 460771 Batch Start Date: 02/18/20 10:11 Batch Analyst: Mazariegos, Leonel A

Batch Method: 3050B Batch End Date: 02/18/20 13:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MPREP1-A 00004	MPREP1-B 00004	MPREP2 00022	PR_LCSSRM 00024
MB 160-460771/1		3050B, 6020A		0.5984 g	50 mL				
LCS 160-460771/2		3050B, 6020A		0.5076 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
LCSSRM 160-460771/3		3050B, 6020A		0.5142 g	50 mL				0.5142 g
160-37055-B-1	WRSB222_0-0.5	3050B, 6020A	T	0.5376 g	50 mL				
160-37055-B-2	WRSB222_0.5-3	3050B, 6020A	T	0.5129 g	50 mL				
160-37055-B-3	WRSB222-FD_0.5-3	3050B, 6020A	T	0.5049 g	50 mL				
160-37055-B-4	WRSB222_3-6	3050B, 6020A	T	0.5136 g	50 mL				
160-37055-B-5	WRSB222_6-15	3050B, 6020A	T	0.5620 g	50 mL				
160-37055-B-5 DU	WRSB222_6-15	3050B, 6020A	T	0.5698 g	50 mL				
160-37055-A-5 MS	WRSB222_6-15	3050B, 6020A	T	0.5629 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
160-37055-A-5 MSD	WRSB222_6-15	3050B, 6020A	T	0.5757 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
160-37055-B-6	WRSB212_0-0.5	3050B, 6020A	T	0.5911 g	50 mL				
160-37055-B-7	WRSB212_0.5-3	3050B, 6020A	T	0.5454 g	50 mL				
160-37055-B-8	WRSB212_3-6	3050B, 6020A	T	0.5170 g	50 mL				
160-37055-B-9	WRSB212_6-15	3050B, 6020A	T	0.5255 g	50 mL				
160-37055-B-10	WRSB230_0-0.5	3050B, 6020A	T	0.5324 g	50 mL				
160-37055-B-11	WRSB230_0.5-3	3050B, 6020A	T	0.5463 g	50 mL				
160-37055-B-12	WRSB230_3-6	3050B, 6020A	T	0.5083 g	50 mL				
160-37055-B-13	WRSB230-FD_3-6	3050B, 6020A	T	0.5695 g	50 mL				
160-37055-B-14	WRSB230_6-15	3050B, 6020A	T	0.5518 g	50 mL				
160-37055-B-15	WRSB226_0-0.5	3050B, 6020A	T	0.5033 g	50 mL				
160-37055-B-16	WRSB226_0.5-3	3050B, 6020A	T	0.5656 g	50 mL				
160-37055-B-18	WRSB226_6-15	3050B, 6020A	T	0.5704 g	50 mL				
160-37055-B-19	WRSB232_0-0.5	3050B, 6020A	T	0.5395 g	50 mL				
160-37055-B-20	WRSB232_0.5-3	3050B, 6020A	T	0.5057 g	50 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.: _____

Batch Number: 460771 Batch Start Date: 02/18/20 10:11Batch Analyst: Mazariegos, Leonel ABatch Method: 3050B Batch End Date: 02/18/20 13:44

Batch Notes	
Balance ID	27150420
Blank Soil Lot Number	25438819
Temperature - Corrected - End	B5: 93.1 Degrees C
Temperature - Corrected - Start	C6: 92.2 Degrees C
Digestion End Time	02/18/2020 13:24
Digestion Start Time	02/18/2020 11:12
Digestion Unit ID	HOTBLOCK 1
Digestion Tube/Cup ID	353705-4694
Hydrogen Peroxide ID	1852964
Hydrochloric Acid ID	1854878
Nitric Acid ID	1843695, 1863531
Pipette/Syringe/Dispenser ID	MET-12
Analyst ID - Spike Analyst	LAM
Sufficient Volume for Batch QC	YES
Thermometer ID	170051268

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 460774 Batch Start Date: 02/18/20 10:21 Batch Analyst: Mazariegos, Leonel A

Batch Method: 3050B Batch End Date: 02/18/20 13:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MPREP1-A 00004	MPREP1-B 00004	MPREP2 00022	PR_LCSSRM 00024
MB 160-460774/1		3050B, 6020A		0.5162 g	50 mL				
LCS 160-460774/2		3050B, 6020A		0.5372 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
LCSSRM 160-460774/3		3050B, 6020A		0.5083 g	50 mL				0.5083 g
160-37055-B-17	WRSB226_3-6	3050B, 6020A	T	0.5533 g	50 mL				
160-37055-B-17 DU	WRSB226_3-6	3050B, 6020A	T	0.5151 g	50 mL				
160-37055-A-17 MS	WRSB226_3-6	3050B, 6020A	T	0.5067 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
160-37055-A-17 MSD	WRSB226_3-6	3050B, 6020A	T	0.5166 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
160-37055-B-22	WRSB232_6-15	3050B, 6020A	T	0.5325 g	50 mL				
160-37055-B-23	WRSB232-FD_6-15	3050B, 6020A	T	0.5771 g	50 mL				
160-37055-B-24	WRSB236_0-0.5	3050B, 6020A	T	0.5381 g	50 mL				
160-37055-B-25	WRSB236_0.5-3	3050B, 6020A	T	0.5876 g	50 mL				
160-37055-B-26	WRSB236_3-6	3050B, 6020A	T	0.5272 g	50 mL				
160-37055-B-27	WRSB236-FD_3-6	3050B, 6020A	T	0.5155 g	50 mL				
160-37055-B-28	WRSB236_6-15	3050B, 6020A	T	0.5307 g	50 mL				
160-37055-B-29	WRSB240_0-0.5	3050B, 6020A	T	0.5401 g	50 mL				
160-37055-B-30	WRSB240-FD_0-0.5	3050B, 6020A	T	0.5160 g	50 mL				
160-37055-B-31	WRSB240_0.5-3	3050B, 6020A	T	0.5347 g	50 mL				
160-37055-B-32	WRSB240_3-6	3050B, 6020A	T	0.5356 g	50 mL				
160-37055-B-33	WRSB240_6-15	3050B, 6020A	T	0.5704 g	50 mL				
160-37055-B-34	WRSB206_0-0.5	3050B, 6020A	T	0.5303 g	50 mL				
160-37055-B-35	WRSB206_0.5-3	3050B, 6020A	T	0.5870 g	50 mL				
160-37055-B-36	WRSB206_3-6	3050B, 6020A	T	0.5849 g	50 mL				
160-37055-B-37	WRSB206_6-15	3050B, 6020A	T	0.5841 g	50 mL				
160-37055-B-38	WRSB206-FD_6-15	3050B, 6020A	T	0.5431 g	50 mL				
160-37055-B-39	WRSB206_15-25	3050B, 6020A	T	0.5345 g	50 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 460774Batch Start Date: 02/18/20 10:21Batch Analyst: Mazariegos, Leonel ABatch Method: 3050BBatch End Date: 02/18/20 13:44

Batch Notes	
Balance ID	27150420
Blank Soil Lot Number	25438819
Temperature - Corrected - End	B5: 93.1 Degrees C
Temperature - Corrected - Start	C6: 92.2 Degrees C
Digestion End Time	02/18/2020 13:24
Digestion Start Time	02/18/2020 11:12
Digestion Unit ID	HOTBLOCK 1
Digestion Tube/Cup ID	353705-4694
Hydrogen Peroxide ID	1852964
Hydrochloric Acid ID	1854878
Nitric Acid ID	1843695, 1863531
Pipette/Syringe/Dispenser ID	MET-12
Analyst ID - Spike Analyst	LAM
Sufficient Volume for Batch QC	YES
Thermometer ID	170051268

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 460775 Batch Start Date: 02/18/20 10:24 Batch Analyst: Mazariegos, Leonel A

Batch Method: 3050B Batch End Date: 02/18/20 16:03

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MPREP1-A 00004	MPREP1-B 00004	MPREP2 00022	PR_LCSSRM 00024
MB 160-460775/1		3050B, 6020A		0.5232 g	50 mL				
LCS 160-460775/2		3050B, 6020A		0.5746 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
LCSSRM 160-460775/3		3050B, 6020A		0.5319 g	50 mL				0.5319 g
160-37055-B-21	WRSB232_3-6	3050B, 6020A	T	0.5356 g	50 mL				
160-37055-B-21 DU	WRSB232_3-6	3050B, 6020A	T	0.5411 g	50 mL				
160-37055-A-21 MS	WRSB232_3-6	3050B, 6020A	T	0.5344 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
160-37055-A-21 MSD	WRSB232_3-6	3050B, 6020A	T	0.5199 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
160-37055-B-40	WRSB206_25-35	3050B, 6020A	T	0.5164 g	50 mL				
160-37055-B-41	WRSB206_45-55	3050B, 6020A	T	0.5554 g	50 mL				
160-37055-B-43	WRSB206_65-75	3050B, 6020A	T	0.5285 g	50 mL				
160-37055-B-44	WRSB206_75-85	3050B, 6020A	T	0.5456 g	50 mL				
160-37055-B-45	WRSB206_85-95	3050B, 6020A	T	0.5207 g	50 mL				
160-37055-B-46	WRSB206_95-105	3050B, 6020A	T	0.5489 g	50 mL				
160-37055-B-47	WRSB206_105-115	3050B, 6020A	T	0.5297 g	50 mL				
160-37055-B-48	WRSB206_115-125	3050B, 6020A	T	0.5550 g	50 mL				
160-37055-B-49	WRSB206-FD_115-1 25	3050B, 6020A	T	0.5303 g	50 mL				
160-37055-B-50	WRSB206_35-45	3050B, 6020A	T	0.5424 g	50 mL				
160-37055-B-51	WRSB224_0-0.5	3050B, 6020A	T	0.5396 g	50 mL				
160-37055-B-52	WRSB224_0.5-3	3050B, 6020A	T	0.5185 g	50 mL				
160-37055-B-53	WRSB224_3-6	3050B, 6020A	T	0.5201 g	50 mL				
160-37055-B-54	WRSB224-FD_3-6	3050B, 6020A	T	0.5345 g	50 mL				
160-37055-B-55	WRSB224_6-15	3050B, 6020A	T	0.5432 g	50 mL				
160-37055-B-56	WRSB219_0-0.5	3050B, 6020A	T	0.5686 g	50 mL				
160-37055-B-57	WRSB219_0.5-3	3050B, 6020A	T	0.5249 g	50 mL				
160-37055-B-58	WRSB219_3-6	3050B, 6020A	T	0.5514 g	50 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 460775Batch Start Date: 02/18/20 10:24Batch Analyst: Mazariegos, Leonel ABatch Method: 3050BBatch End Date: 02/18/20 16:03

Batch Notes	
Balance ID	27150420
Blank Soil Lot Number	25438819
Temperature - Corrected - End	B5: 94.1 Degrees C
Temperature - Corrected - Start	B5: 93.1 Degrees C
Digestion End Time	02/18/2020 15:50
Digestion Start Time	02/18/2020 13:24
Digestion Unit ID	HOTBLOCK 1
Digestion Tube/Cup ID	353705-4694
Hydrogen Peroxide ID	1852964
Hydrochloric Acid ID	1854878
Nitric Acid ID	1843695, 1863531
Pipette/Syringe/Dispenser ID	MET-12
Analyst ID - Spike Analyst	LAM
Sufficient Volume for Batch QC	YES
Thermometer ID	170051268

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.: _____

Batch Number: 460777 Batch Start Date: 02/18/20 10:27 Batch Analyst: Mazariegos, Leonel A

Batch Method: 3050B Batch End Date: 02/18/20 16:03

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MPREP1-A 00004	MPREP1-B 00004	MPREP2 00022	PR_LCSSRM 00024
MB 160-460777/1		3050B, 6020A		0.5273 g	50 mL				
LCS 160-460777/2		3050B, 6020A		0.5543 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
LCSSRM 160-460777/3		3050B, 6020A		0.5409 g	50 mL				0.5409 g
160-37055-B-42	WRSB206_55-65	3050B, 6020A	T	0.5614 g	50 mL				
160-37055-B-42 DU	WRSB206_55-65	3050B, 6020A	T	0.5256 g	50 mL				
160-37055-A-42 MS	WRSB206_55-65	3050B, 6020A	T	0.5088 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
160-37055-A-42 MSD	WRSB206_55-65	3050B, 6020A	T	0.5426 g	50 mL	0.25 mL	0.25 mL	0.25 mL	
160-37055-B-59	WRSB219_6-15	3050B, 6020A	T	0.5203 g	50 mL				
160-37055-B-60	WRSB220_0-0.5	3050B, 6020A	T	0.5610 g	50 mL				
160-37055-B-61	WRSB220_0.5-3	3050B, 6020A	T	0.5223 g	50 mL				
160-37055-B-62	WRSB220_3-6	3050B, 6020A	T	0.5127 g	50 mL				
160-37055-B-63	WRSB220-FD_3-6	3050B, 6020A	T	0.5970 g	50 mL				
160-37055-B-64	WRSB220_6-15	3050B, 6020A	T	0.5449 g	50 mL				
160-37055-B-65	WRSB231_0-0.5	3050B, 6020A	T	0.5362 g	50 mL				
160-37055-B-66	WRSB231_0.5-3	3050B, 6020A	T	0.5230 g	50 mL				
160-37055-B-67	WRSB231_3-6	3050B, 6020A	T	0.5511 g	50 mL				
160-37055-B-68	WRSB231_6-15	3050B, 6020A	T	0.5402 g	50 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 460777Batch Start Date: 02/18/20 10:27Batch Analyst: Mazariegos, Leonel ABatch Method: 3050BBatch End Date: 02/18/20 16:03

Batch Notes	
Balance ID	27150420
Blank Soil Lot Number	25438819
Temperature - Corrected - End	B5: 94.1 Degrees C
Temperature - Corrected - Start	B5: 93.1 Degrees C
Digestion End Time	02/18/2020 15:50
Digestion Start Time	02/18/2020 13:24
Digestion Unit ID	HOTBLOCK 1
Digestion Tube/Cup ID	353705-4694
Hydrogen Peroxide ID	1852964
Hydrochloric Acid ID	1854878
Nitric Acid ID	1843695, 1863531
Pipette/Syringe/Dispenser ID	MET-12
Analyst ID - Spike Analyst	LAM
Sufficient Volume for Batch QC	YES
Thermometer ID	170051268

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458120 Batch Start Date: 01/27/20 06:54 Batch Analyst: Domalewski, Ryan J

Batch Method: Moisture Batch End Date: 01/28/20 08:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
160-37055-B-1	WRSB222_0-0.5	Moisture	T	1.0606 g	11.8341 g	11.4955 g			
160-37055-B-2	WRSB222_0.5-3	Moisture	T	1.0575 g	11.4850 g	10.9925 g			
160-37055-B-3	WRSB222-FD_0.5-3	Moisture	T	1.0703 g	11.7262 g	11.2601 g			
160-37055-B-4	WRSB222_3-6	Moisture	T	1.0547 g	11.5769 g	11.0049 g			
160-37055-B-6	WRSB212_0-0.5	Moisture	T	1.0613 g	11.4199 g	10.8591 g			
160-37055-B-7	WRSB212_0.5-3	Moisture	T	1.0410 g	11.3509 g	10.8221 g			
160-37055-B-8	WRSB212_3-6	Moisture	T	1.0651 g	11.1695 g	10.6419 g			
160-37055-B-9	WRSB212_6-15	Moisture	T	1.0709 g	11.2422 g	10.6932 g			
160-37055-B-10	WRSB230_0-0.5	Moisture	T	1.0693 g	11.9351 g	11.4332 g			
160-37055-B-11	WRSB230_0.5-3	Moisture	T	1.0624 g	11.5763 g	11.1361 g			
160-37055-B-12	WRSB230_3-6	Moisture	T	1.0601 g	11.4558 g	11.0073 g			
160-37055-B-13	WRSB230-FD_3-6	Moisture	T	1.0507 g	11.2337 g	10.7798 g			
160-37055-B-14	WRSB230_6-15	Moisture	T	1.0721 g	11.5600 g	11.0395 g			
160-37055-B-15	WRSB226_0-0.5	Moisture	T	1.0695 g	11.2234 g	10.8054 g			
160-37055-B-16	WRSB226_0.5-3	Moisture	T	1.0610 g	11.6716 g	11.1556 g			
160-37055-B-17	WRSB226_3-6	Moisture	T	1.0474 g	11.1845 g	10.6986 g			
160-37055-B-17 DU	WRSB226_3-6	Moisture	T	1.0742 g	11.2629 g	10.7953 g			
160-37055-B-18	WRSB226_6-15	Moisture	T	1.0521 g	11.3182 g	10.7317 g			
160-37055-B-19	WRSB232_0-0.5	Moisture	T	1.0349 g	11.5267 g	10.9276 g			
160-37055-B-20	WRSB232_0.5-3	Moisture	T	1.0284 g	11.5126 g	10.9627 g			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.: _____

Batch Number: 458120Batch Start Date: 01/27/20 06:54Batch Analyst: Domalewski, Ryan JBatch Method: MoistureBatch End Date: 01/28/20 08:35

Batch Notes	
Balance ID	1119252511
Date samples were placed in the oven	01/27/2020
Oven Temp In	104 Degrees C
Time samples were place in the oven	09:34
Date samples were removed from oven	01/28/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	07:55
Oven ID	OC
Thermometer ID	A142188

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458135 Batch Start Date: 01/27/20 08:04 Batch Analyst: Domalewski, Ryan J

Batch Method: Moisture Batch End Date: 01/28/20 08:41

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
160-37055-B-21	WRSB232_3-6	Moisture	T	1.0414 g	11.3324 g	10.7880 g			
160-37055-B-21 DU	WRSB232_3-6	Moisture	T	1.0356 g	11.2680 g	10.7394 g			
160-37055-B-22	WRSB232_6-15	Moisture	T	1.0226 g	11.7850 g	11.2078 g			
160-37055-B-23	WRSB232-FD_6-15	Moisture	T	1.0325 g	11.9676 g	11.3470 g			
160-37055-B-24	WRSB236_0-0.5	Moisture	T	1.0463 g	11.7206 g	11.3571 g			
160-37055-B-25	WRSB236_0.5-3	Moisture	T	1.0277 g	11.3200 g	10.9448 g			
160-37055-B-26	WRSB236_3-6	Moisture	T	1.0239 g	11.3815 g	11.0494 g			
160-37055-B-27	WRSB236-FD_3-6	Moisture	T	1.0193 g	11.5217 g	11.1525 g			
160-37055-B-28	WRSB236_6-15	Moisture	T	1.0213 g	11.5570 g	11.1692 g			
160-37055-B-29	WRSB240_0-0.5	Moisture	T	1.0243 g	11.5755 g	11.1045 g			
160-37055-B-30	WRSB240-FD_0-0.5	Moisture	T	1.0446 g	11.6995 g	11.2352 g			
160-37055-B-31	WRSB240_0.5-3	Moisture	T	1.0283 g	11.2803 g	10.8964 g			
160-37055-B-32	WRSB240_3-6	Moisture	T	1.0193 g	11.2898 g	10.9134 g			
160-37055-B-33	WRSB240_6-15	Moisture	T	1.0609 g	11.6207 g	11.1855 g			
160-37055-B-34	WRSB206_0-0.5	Moisture	T	1.0359 g	11.7808 g	11.2859 g			
160-37055-B-35	WRSB206_0.5-3	Moisture	T	1.0576 g	11.3031 g	10.5745 g			
160-37055-B-36	WRSB206_3-6	Moisture	T	1.0701 g	11.2323 g	10.5438 g			
160-37055-B-37	WRSB206_6-15	Moisture	T	1.0610 g	11.8288 g	11.1957 g			
160-37055-B-38	WRSB206-FD_6-15	Moisture	T	1.0488 g	11.8487 g	11.2670 g			
160-37055-B-39	WRSB206_15-25	Moisture	T	1.0575 g	11.2584 g	10.7502 g			
160-37055-B-40	WRSB206_25-35	Moisture	T	1.0637 g	11.8358 g	11.3007 g			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.: _____

Batch Number: 458135Batch Start Date: 01/27/20 08:04Batch Analyst: Domalewski, Ryan JBatch Method: MoistureBatch End Date: 01/28/20 08:41

Batch Notes	
Balance ID	1119252511
Date samples were placed in the oven	01/27/2020
Oven Temp In	104 Degrees C
Time samples were placed in the oven	09:34
Date samples were removed from oven	01/28/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	07:56
Oven ID	OC
Thermometer ID	A142188

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458144

Batch Start Date: 01/27/20 08:43

Batch Analyst: Domalewski, Ryan J

Batch Method: Moisture

Batch End Date: 01/28/20 08:52

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
160-37055-B-41	WRSB206_45-55	Moisture	T	1.0555 g	11.2756 g	10.7376 g			
160-37055-B-42	WRSB206_55-65	Moisture	T	1.0453 g	11.2502 g	10.5411 g			
160-37055-B-42 DU	WRSB206_55-65	Moisture	T	1.0834 g	11.2224 g	10.5619 g			
160-37055-B-43	WRSB206_65-75	Moisture	T	1.0544 g	11.6804 g	11.0184 g			
160-37055-B-44	WRSB206_75-85	Moisture	T	1.0246 g	11.5183 g	10.8507 g			
160-37055-B-45	WRSB206_85-95	Moisture	T	1.0181 g	11.2926 g	10.7471 g			
160-37055-B-46	WRSB206_95-105	Moisture	T	1.0492 g	11.2648 g	10.7038 g			
160-37055-B-47	WRSB206_105-115	Moisture	T	1.0486 g	11.3652 g	10.8310 g			
160-37055-B-48	WRSB206_115-125	Moisture	T	1.0602 g	11.3942 g	10.6992 g			
160-37055-B-49	WRSB206-FD_115-1 25	Moisture	T	1.0442 g	11.6553 g	10.9822 g			
160-37055-B-50	WRSB206_35-45	Moisture	T	1.0562 g	11.6044 g	11.0267 g			
160-37055-B-51	WRSB224_0-0.5	Moisture	T	1.0789 g	11.2768 g	10.5918 g			
160-37055-B-52	WRSB224_0.5-3	Moisture	T	1.0671 g	11.6247 g	11.1562 g			
160-37055-B-53	WRSB224_3-6	Moisture	T	1.0463 g	11.5336 g	11.0588 g			
160-37055-B-54	WRSB224-FD_3-6	Moisture	T	1.0577 g	11.4917 g	11.0074 g			
160-37055-B-55	WRSB224_6-15	Moisture	T	1.0530 g	11.6955 g	11.1712 g			
160-37055-B-56	WRSB219_0-0.5	Moisture	T	1.0374 g	11.9523 g	11.4885 g			
160-37055-B-57	WRSB219_0.5-3	Moisture	T	1.0566 g	11.3245 g	10.9623 g			
160-37055-B-58	WRSB219_3-6	Moisture	T	1.0691 g	11.8088 g	11.2282 g			
160-37055-B-59	WRSB219_6-15	Moisture	T	1.0628 g	11.3388 g	10.9130 g			
160-37055-B-60	WRSB220_0-0.5	Moisture	T	1.0569 g	11.8949 g	11.3285 g			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.: _____

Batch Number: 458144Batch Start Date: 01/27/20 08:43Batch Analyst: Domalewski, Ryan JBatch Method: MoistureBatch End Date: 01/28/20 08:52

Batch Notes	
Balance ID	1119252511
Date samples were placed in the oven	01/27/2020
Oven Temp In	104 Degrees C
Time samples were place in the oven	09:34
Date samples were removed from oven	01/28/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	07:56
Oven ID	OC
Thermometer ID	A142188

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458149

Batch Start Date: 01/27/20 09:15

Batch Analyst: Domalewski, Ryan J

Batch Method: Moisture

Batch End Date: 01/28/20 08:53

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
160-37055-B-61	WRSB220_0.5-3	Moisture	T	1.0517 g	11.1929 g	10.7709 g			
160-37055-B-61 DU	WRSB220_0.5-3	Moisture	T	1.0547 g	11.7256 g	11.2938 g			
160-37055-B-62	WRSB220_3-6	Moisture	T	1.0619 g	11.1659 g	10.6946 g			
160-37055-B-63	WRSB220-FD_3-6	Moisture	T	1.0902 g	11.1286 g	10.7133 g			
160-37055-B-64	WRSB220_6-15	Moisture	T	1.0644 g	11.6784 g	11.0777 g			
160-37055-B-65	WRSB231_0-0.5	Moisture	T	1.0638 g	11.6583 g	10.8299 g			
160-37055-B-66	WRSB231_0.5-3	Moisture	T	1.0588 g	11.3792 g	11.0084 g			
160-37055-B-67	WRSB231_3-6	Moisture	T	1.1004 g	11.6910 g	11.3285 g			
160-37055-B-68	WRSB231_6-15	Moisture	T	1.0680 g	11.2303 g	10.9040 g			

Batch Notes	
Balance ID	1119252511
Date samples were placed in the oven	01/27/2020
Oven Temp In	104 Degrees C
Time samples were place in the oven	09:34
Date samples were removed from oven	01/28/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	07:56
Oven ID	OC
Thermometer ID	A142188

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458319

Batch Start Date: 01/28/20 09:33

Batch Analyst: Domalewski, Ryan J

Batch Method: Moisture

Batch End Date: 01/29/20 08:57

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
160-37055-B-5	WRSB222_6-15	Moisture	T	1.0313 g	11.2622 g	10.8191 g			
160-37055-B-5 DU	WRSB222_6-15	Moisture	T	1.0516 g	11.6344 g	11.2140 g			

Batch Notes	
Balance ID	1119252511
Date samples were placed in the oven	01/28/2020
Oven Temp In	104 Degrees C
Time samples were place in the oven	10:50
Date samples were removed from oven	01/29/2020
Oven Temp Out	105 Degrees C
Time Samples were removed from oven	08:03
Oven ID	OC
Thermometer ID	A142188

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

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GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.: _____

Batch Number: 458208 Batch Start Date: 01/27/20 15:58 Batch Analyst: Souders, Patrick M

Batch Method: Fill_Geo-21 Batch End Date: 01/27/20 16:37

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	GrossWeight	InitialAmount	IngDecDate1	IngDecDate3	Geometry
MB 160-458208/1		Fill_Geo-21, 901.1				291.18 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
LCS 160-458208/2		Fill_Geo-21, 901.1				341.9 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-1-A	WRSB222_0-0.5	Fill_Geo-21, 901.1	T	46.8 g	446.3 g	399.5 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-2-A	WRSB222_0.5-3	Fill_Geo-21, 901.1	T	46.6 g	428.4 g	381.8 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-3-A	WRSB222-FD_0.5-3	Fill_Geo-21, 901.1	T	46.6 g	454.5 g	407.9 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-4-A	WRSB222_3-6	Fill_Geo-21, 901.1	T	46.6 g	406.0 g	359.4 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-5-A	WRSB222_6-15	Fill_Geo-21, 901.1	T	46.4 g	462.9 g	416.5 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-5-B	WRSB222_6-15 DU	Fill_Geo-21, 901.1	T	46.4 g	462.9 g	416.5 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-6-A	WRSB212_0-0.5	Fill_Geo-21, 901.1	T	46.1 g	440.6 g	394.5 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-7-A	WRSB212_0.5-3	Fill_Geo-21, 901.1	T	46.1 g	474.5 g	428.4 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-8-A	WRSB212_3-6	Fill_Geo-21, 901.1	T	46.3 g	446.8 g	400.5 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-9-A	WRSB212_6-15	Fill_Geo-21, 901.1	T	46.1 g	463.9 g	417.8 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-10-A	WRSB230_0-0.5	Fill_Geo-21, 901.1	T	46.6 g	467.1 g	420.5 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-11-A	WRSB230_0.5-3	Fill_Geo-21, 901.1	T	46.6 g	500.2 g	453.6 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-12-A	WRSB230_3-6	Fill_Geo-21, 901.1	T	46.6 g	480.8 g	434.2 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-13-A	WRSB230-FD_3-6	Fill_Geo-21, 901.1	T	46.8 g	495.5 g	448.7 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-14-A	WRSB230_6-15	Fill_Geo-21, 901.1	T	46.2 g	479.0 g	432.8 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-15-A	WRSB226_0-0.5	Fill_Geo-21, 901.1	T	46.4 g	462.5 g	416.1 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-16-A	WRSB226_0.5-3	Fill_Geo-21, 901.1	T	46.6 g	497.9 g	451.3 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-17-A	WRSB226_3-6	Fill_Geo-21, 901.1	T	46.6 g	422.6 g	376 g	01/27/2020 16:36	2/17/2020 16:36	tuna can
160-37055-A-17-B DU	WRSB226_3-6	Fill_Geo-21, 901.1	T	46.6 g	422.6 g	376.0000 g	01/27/2020 16:36	2/17/2020 16:36	tuna can

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458208

Batch Start Date: 01/27/20 15:58

Batch Analyst: Souders, Patrick M

Batch Method: Fill_Geo-21

Batch End Date: 01/27/20 16:37

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	GrossWeight	InitialAmount	IngDecDate1	IngDecDate3	Geometry
160-37055-A-18-A	WRSB226_6-15	Fill_Geo-21, 901.1	T	46.9 g	428.6 g	381.7 g	01/27/2020 16:36	2/17/2020 16:36	tuna can

Lab Sample ID	Client Sample ID	Method Chain	Basis	Tuna Can LCS 00009					
MB 160-458208/1		Fill_Geo-21, 901.1							
LCS 160-458208/2		Fill_Geo-21, 901.1		# g					
160-37055-A-1-A	WRSB222_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-2-A	WRSB222_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-3-A	WRSB222-FD_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-4-A	WRSB222_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-5-A	WRSB222_6-15	Fill_Geo-21, 901.1	T						
160-37055-A-5-B	WRSB222_6-15 DU	Fill_Geo-21, 901.1	T						
160-37055-A-6-A	WRSB212_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-7-A	WRSB212_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-8-A	WRSB212_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-9-A	WRSB212_6-15	Fill_Geo-21, 901.1	T						
160-37055-A-10-A	WRSB230_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-11-A	WRSB230_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-12-A	WRSB230_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-13-A	WRSB230-FD_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-14-A	WRSB230_6-15	Fill_Geo-21, 901.1	T						
160-37055-A-15-A	WRSB226_0-0.5	Fill_Geo-21, 901.1	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458208 Batch Start Date: 01/27/20 15:58 Batch Analyst: Souders, Patrick M

Batch Method: Fill_Geo-21 Batch End Date: 01/27/20 16:37

Lab Sample ID	Client Sample ID	Method Chain	Basis	Tuna Can LCS 00009					
160-37055-A-16-A	WRSB226_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-17-A	WRSB226_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-17-B DU	WRSB226_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-18-A	WRSB226_6-15	Fill_Geo-21, 901.1	T						

Batch Notes

Balance ID	1121432711
SOP Number	ST-RC-0025

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458211

Batch Start Date: 01/27/20 17:17

Batch Analyst: Souders, Patrick M

Batch Method: Fill_Geo-21

Batch End Date: 01/27/20 17:51

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	GrossWeight	InitialAmount	IngDecDate1	IngDecDate3	Geometry
MB 160-458211/1		Fill_Geo-21, 901.1				291.18 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
LCS 160-458211/2		Fill_Geo-21, 901.1				341.9 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-19-A	WRSB232_0-0.5	Fill_Geo-21, 901.1	T	46.5 g	453.1 g	406.6000 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-20-A	WRSB232_0.5-3	Fill_Geo-21, 901.1	T	46.5 g	462.1 g	415.6 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-21-A	WRSB232_3-6	Fill_Geo-21, 901.1	T	46.7 g	439.2 g	392.5 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-21-B DU	WRSB232_3-6	Fill_Geo-21, 901.1	T	46.7 g	439.2 g	392.5 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-22-A	WRSB232_6-15	Fill_Geo-21, 901.1	T	46.8 g	460.3 g	413.5 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-23-A	WRSB232-FD_6-15	Fill_Geo-21, 901.1	T	46.7 g	443.7 g	397 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-24-A	WRSB236_0-0.5	Fill_Geo-21, 901.1	T	46.4 g	468.3 g	421.9 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-25-A	WRSB236_0.5-3	Fill_Geo-21, 901.1	T	46.8 g	461.9 g	415.1 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-26-A	WRSB236_3-6	Fill_Geo-21, 901.1	T	46.6 g	440.6 g	394 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-27-A	WRSB236-FD_3-6	Fill_Geo-21, 901.1	T	46.4 g	442.7 g	396.3 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-28-A	WRSB236_6-15	Fill_Geo-21, 901.1	T	46.8 g	474.2 g	427.4 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-29-A	WRSB240_0-0.5	Fill_Geo-21, 901.1	T	46.5 g	449.8 g	403.3 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-30-A	WRSB240-FD_0-0.5	Fill_Geo-21, 901.1	T	46.8 g	444.1 g	397.3 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-31-A	WRSB240_0.5-3	Fill_Geo-21, 901.1	T	46.7 g	455.8 g	409.1 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-32-A	WRSB240_3-6	Fill_Geo-21, 901.1	T	46.7 g	478.3 g	431.6 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-33-A	WRSB240_6-15	Fill_Geo-21, 901.1	T	46.4 g	483.6 g	437.2 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-34-A	WRSB206_0-0.5	Fill_Geo-21, 901.1	T	46.3 g	497.5 g	451.2 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-35-A	WRSB206_0.5-3	Fill_Geo-21, 901.1	T	46.4 g	502.3 g	455.9 g	01/27/2020 17:49	02/17/2020 17:49	tuna can
160-37055-A-36-A	WRSB206_3-6	Fill_Geo-21, 901.1	T	46.5 g	491.6 g	445.1 g	01/27/2020 17:49	02/17/2020 17:49	tuna can

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458211

Batch Start Date: 01/27/20 17:17

Batch Analyst: Souders, Patrick M

Batch Method: Fill_Geo-21

Batch End Date: 01/27/20 17:51

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	GrossWeight	InitialAmount	IngDecDate1	IngDecDate3	Geometry
160-37055-A-37-A	WRSB206_6-15	Fill_Geo-21, 901.1	T	46.5 g	456.3 g	409.8 g	01/27/2020 17:49	02/17/2020 17:49	tuna can

Lab Sample ID	Client Sample ID	Method Chain	Basis	Tuna Can LCS 00009					
MB 160-458211/1		Fill_Geo-21, 901.1							
LCS 160-458211/2		Fill_Geo-21, 901.1		# g					
160-37055-A-19-A	WRSB232_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-20-A	WRSB232_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-21-A	WRSB232_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-21-B DU	WRSB232_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-22-A	WRSB232_6-15	Fill_Geo-21, 901.1	T						
160-37055-A-23-A	WRSB232-FD_6-15	Fill_Geo-21, 901.1	T						
160-37055-A-24-A	WRSB236_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-25-A	WRSB236_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-26-A	WRSB236_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-27-A	WRSB236-FD_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-28-A	WRSB236_6-15	Fill_Geo-21, 901.1	T						
160-37055-A-29-A	WRSB240_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-30-A	WRSB240-FD_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-31-A	WRSB240_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-32-A	WRSB240_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-33-A	WRSB240_6-15	Fill_Geo-21, 901.1	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.: _____

Batch Number: 458211 Batch Start Date: 01/27/20 17:17 Batch Analyst: Souders, Patrick MBatch Method: Fill_Geo-21 Batch End Date: 01/27/20 17:51

Lab Sample ID	Client Sample ID	Method Chain	Basis	Tuna Can LCS 00009					
160-37055-A-34-A	WRSB206_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-35-A	WRSB206_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-36-A	WRSB206_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-37-A	WRSB206_6-15	Fill_Geo-21, 901.1	T						

Batch Notes

Balance ID	1121432711
SOP Number	ST-RC-0025

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458212 Batch Start Date: 01/27/20 18:00 Batch Analyst: Souders, Patrick M

Batch Method: Fill_Geo-21 Batch End Date: 01/27/20 18:43

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	GrossWeight	InitialAmount	IngDecDate1	IngDecDate3	Geometry
MB 160-458212/1		Fill_Geo-21, 901.1				291.18 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
LCS 160-458212/2		Fill_Geo-21, 901.1				341.9 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-38-A	WRSB206_FD_6-15	Fill_Geo-21, 901.1	T	46.5 g	483.5 g	437 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-39-A	WRSB206_15-25	Fill_Geo-21, 901.1	T	46.5 g	447.8 g	401.3 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-40-A	WRSB206_25-35	Fill_Geo-21, 901.1	T	46.4 g	417.1 g	370.7 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-41-A	WRSB206_45-55	Fill_Geo-21, 901.1	T	46.9 g	465.1 g	418.2 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-42-A	WRSB206_55-65	Fill_Geo-21, 901.1	T	47.0 g	419.1 g	372.1 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-42-B DU	WRSB206_55-65	Fill_Geo-21, 901.1	T	47.0 g	419.1 g	372.1 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-43-A	WRSB206_65-75	Fill_Geo-21, 901.1	T	46.3 g	458.5 g	412.2 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-44-A	WRSB206_75-85	Fill_Geo-21, 901.1	T	46.5 g	496.9 g	450.4 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-45-A	WRSB206_85-95	Fill_Geo-21, 901.1	T	46.6 g	457.2 g	410.6 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-46-A	WRSB206_95-105	Fill_Geo-21, 901.1	T	46.4 g	466.7 g	420.3 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-47-A	WRSB206_105-115	Fill_Geo-21, 901.1	T	46.9 g	490.1 g	443.2 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-48-A	WRSB206_115-125	Fill_Geo-21, 901.1	T	46.5 g	503.6 g	457.1 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-49-A	WRSB206_FD_115-125	Fill_Geo-21, 901.1	T	46.4 g	447.5 g	401.1 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-50-A	WRSB206_35-45	Fill_Geo-21, 901.1	T	46.5 g	468.5 g	422 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-51-A	WRSB224_0-0.5	Fill_Geo-21, 901.1	T	46.6 g	448.3 g	401.7 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-52-A	WRSB224_0.5-3	Fill_Geo-21, 901.1	T	46.3 g	476.2 g	429.9 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-53-A	WRSB224_3-6	Fill_Geo-21, 901.1	T	46.3 g	468.3 g	422 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-54-A	WRSB224_FD_3-6	Fill_Geo-21, 901.1	T	46.6 g	482.8 g	436.2 g	01/27/2020 18:43	02/17/2020 18:43	tuna can
160-37055-A-55-A	WRSB224_6-15	Fill_Geo-21, 901.1	T	46.6 g	449.4 g	402.8 g	01/27/2020 18:43	02/17/2020 18:43	tuna can

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458212 Batch Start Date: 01/27/20 18:00 Batch Analyst: Souders, Patrick M

Batch Method: Fill_Geo-21 Batch End Date: 01/27/20 18:43

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	GrossWeight	InitialAmount	IngDecDate1	IngDecDate3	Geometry
160-37055-A-56-A	WRSB219_0-0.5	Fill_Geo-21, 901.1	T	46.9 g	479.4 g	432.5 g	01/27/2020 18:43	02/17/2020 18:43	tuna can

Lab Sample ID	Client Sample ID	Method Chain	Basis	Tuna Can LCS 00009					
MB 160-458212/1		Fill_Geo-21, 901.1							
LCS 160-458212/2		Fill_Geo-21, 901.1		# g					
160-37055-A-38-A	WRSB206-FD_6-15	Fill_Geo-21, 901.1	T						
160-37055-A-39-A	WRSB206_15-25	Fill_Geo-21, 901.1	T						
160-37055-A-40-A	WRSB206_25-35	Fill_Geo-21, 901.1	T						
160-37055-A-41-A	WRSB206_45-55	Fill_Geo-21, 901.1	T						
160-37055-A-42-A	WRSB206_55-65	Fill_Geo-21, 901.1	T						
160-37055-A-42-B DU	WRSB206_55-65	Fill_Geo-21, 901.1	T						
160-37055-A-43-A	WRSB206_65-75	Fill_Geo-21, 901.1	T						
160-37055-A-44-A	WRSB206_75-85	Fill_Geo-21, 901.1	T						
160-37055-A-45-A	WRSB206_85-95	Fill_Geo-21, 901.1	T						
160-37055-A-46-A	WRSB206_95-105	Fill_Geo-21, 901.1	T						
160-37055-A-47-A	WRSB206_105-115	Fill_Geo-21, 901.1	T						
160-37055-A-48-A	WRSB206_115-125	Fill_Geo-21, 901.1	T						
160-37055-A-49-A	WRSB206-FD_115-125	Fill_Geo-21, 901.1	T						
160-37055-A-50-A	WRSB206_35-45	Fill_Geo-21, 901.1	T						
160-37055-A-51-A	WRSB224_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-52-A	WRSB224_0.5-3	Fill_Geo-21, 901.1	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458212 Batch Start Date: 01/27/20 18:00 Batch Analyst: Souders, Patrick M

Batch Method: Fill_Geo-21 Batch End Date: 01/27/20 18:43

Lab Sample ID	Client Sample ID	Method Chain	Basis	Tuna Can LCS 00009					
160-37055-A-53-A	WRSB224_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-54-A	WRSB224-FD_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-55-A	WRSB224_6-15	Fill_Geo-21, 901.1	T						
160-37055-A-56-A	WRSB219_0-0.5	Fill_Geo-21, 901.1	T						

Batch Notes

Balance ID	1121432711
SOP Number	ST-RC-0025

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

901.1

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GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458213 Batch Start Date: 01/27/20 18:52 Batch Analyst: Souders, Patrick M

Batch Method: Fill_Geo-21 Batch End Date: 01/27/20 19:16

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	GrossWeight	InitialAmount	IngDecDate1	IngDecDate3	Geometry
MB 160-458213/1		Fill_Geo-21, 901.1				291.18 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
LCS 160-458213/2		Fill_Geo-21, 901.1				341.9 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-57-A	WRSB219_0.5-3	Fill_Geo-21, 901.1	T	46.4 g	420.7 g	374.3 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-57-A DU	WRSB219_0.5-3	Fill_Geo-21, 901.1	T	46.4 g	420.7 g	374.3 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-58-A	WRSB219_3-6	Fill_Geo-21, 901.1	T	47.1 g	481.0 g	433.9 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-59-A	WRSB219_6-15	Fill_Geo-21, 901.1	T	46.8 g	444.6 g	397.8 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-60-A	WRSB220_0-0.5	Fill_Geo-21, 901.1	T	46.4 g	498.1 g	451.7 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-61-A	WRSB220_0.5-3	Fill_Geo-21, 901.1	T	46.7 g	484.6 g	437.9 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-62-A	WRSB220_3-6	Fill_Geo-21, 901.1	T	46.7 g	477.4 g	430.7 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-63-A	WRSB220-FD_3-6	Fill_Geo-21, 901.1	T	46.8 g	420.9 g	374.1 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-64-A	WRSB220_6-15	Fill_Geo-21, 901.1	T	46.6 g	481.6 g	435 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-65-A	WRSB231_0-0.5	Fill_Geo-21, 901.1	T	46.9 g	462.5 g	415.6 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-66-A	WRSB231_0.5-3	Fill_Geo-21, 901.1	T	46.5 g	505.3 g	458.8 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-67-A	WRSB231_3-6	Fill_Geo-21, 901.1	T	46.8 g	459.3 g	412.5 g	01/27/2020 19:16	02/17/2020 19:16	tuna can
160-37055-A-68-A	WRSB231_6-15	Fill_Geo-21, 901.1	T	46.6 g	493.3 g	446.7 g	01/27/2020 19:16	02/17/2020 19:16	tuna can

Lab Sample ID	Client Sample ID	Method Chain	Basis	Tuna Can LCS 00009					
MB 160-458213/1		Fill_Geo-21, 901.1							
LCS 160-458213/2		Fill_Geo-21, 901.1		# g					
160-37055-A-57-A	WRSB219_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-57-A DU	WRSB219_0.5-3	Fill_Geo-21, 901.1	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GAMMA SPECTROSCOPY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, St. Louis Job No.: 160-37055-1

SDG No.:

Batch Number: 458213 Batch Start Date: 01/27/20 18:52 Batch Analyst: Souders, Patrick M

Batch Method: Fill_Geo-21 Batch End Date: 01/27/20 19:16

Lab Sample ID	Client Sample ID	Method Chain	Basis	Tuna Can LCS 00009					
160-37055-A-58-A	WRSB219_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-59-A	WRSB219_6-15	Fill_Geo-21, 901.1	T						
160-37055-A-60-A	WRSB220_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-61-A	WRSB220_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-62-A	WRSB220_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-63-A	WRSB220-FD_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-64-A	WRSB220_6-15	Fill_Geo-21, 901.1	T						
160-37055-A-65-A	WRSB231_0-0.5	Fill_Geo-21, 901.1	T						
160-37055-A-66-A	WRSB231_0.5-3	Fill_Geo-21, 901.1	T						
160-37055-A-67-A	WRSB231_3-6	Fill_Geo-21, 901.1	T						
160-37055-A-68-A	WRSB231_6-15	Fill_Geo-21, 901.1	T						

Batch Notes

Balance ID	1121432711
SOP Number	ST-RC-0025

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.